

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084908.D
 Acq On : 17 Nov 2024 20:25
 Operator : JC\MD
 Sample : P4845-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-23-20241112MSD

Quant Time: Nov 18 00:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	134585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	222451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94220	48.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.940%		
35) Dibromofluoromethane	8.165	113	75187	49.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.860%		
50) Toluene-d8	10.565	98	268888	48.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.847	95	104788	50.550	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	77196	49.895	ug/l	94
3) Chloromethane	2.359	50	94997	52.451	ug/l	100
4) Vinyl Chloride	2.512	62	97691	58.706	ug/l	98
5) Bromomethane	2.901	94	52158	59.158	ug/l	100
6) Chloroethane	3.065	64	62167	60.649	ug/l	95
7) Trichlorofluoromethane	3.465	101	162113	59.140	ug/l	99
8) Diethyl Ether	3.953	74	58651	60.654	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	82205	53.073	ug/l	98
10) Methyl Iodide	4.577	142	117493	56.757	ug/l	95
11) Tert butyl alcohol	5.536	59	80203	312.579	ug/l	100
12) 1,1-Dichloroethene	4.324	96	77963	50.868	ug/l	97
13) Acrolein	4.171	56	71831	280.745	ug/l	97
14) Allyl chloride	5.006	41	125324	50.421	ug/l	94
15) Acrylonitrile	5.712	53	212708	286.360	ug/l	98
16) Acetone	4.430	43	173751	310.122	ug/l	99
17) Carbon Disulfide	4.700	76	212436	45.009	ug/l	99
18) Methyl Acetate	5.018	43	101310	49.340	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	274256	58.382	ug/l	97
20) Methylene Chloride	5.265	84	89331	52.251	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	80949	51.437	ug/l	100
22) Diisopropyl ether	6.671	45	261853	53.019	ug/l	95
23) Vinyl Acetate	6.594	43	916858	269.199	ug/l	97
24) 1,1-Dichloroethane	6.559	63	159204	53.692	ug/l	98
25) 2-Butanone	7.483	43	268641	296.227	ug/l	96
26) 2,2-Dichloropropane	7.488	77	123140	47.714	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	100096	54.471	ug/l	94
28) Bromochloromethane	7.812	49	58903	49.861	ug/l	89
29) Tetrahydrofuran	7.835	42	176742	293.770	ug/l	92
30) Chloroform	7.965	83	167080	55.361	ug/l	100
31) Cyclohexane	8.253	56	129419	48.224	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	156032	56.803	ug/l	96
36) 1,1-Dichloropropene	8.371	75	112455	53.851	ug/l	99
37) Ethyl Acetate	7.559	43	104589	55.202	ug/l	98
38) Carbon Tetrachloride	8.359	117	136149	58.330	ug/l	99
39) Methylcyclohexane	9.594	83	120973	56.944	ug/l	98
40) Benzene	8.600	78	359117	53.549	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084908.D
 Acq On : 17 Nov 2024 20:25
 Operator : JC\MD
 Sample : P4845-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-23-20241112MSD

Quant Time: Nov 18 00:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64327	63.136	ug/l	96
42) 1,2-Dichloroethane	8.665	62	123737	56.972	ug/l	99
43) Isopropyl Acetate	8.682	43	188497	53.928	ug/l	97
44) Trichloroethene	9.353	130	84459	54.608	ug/l	92
45) 1,2-Dichloropropane	9.618	63	86965	55.280	ug/l	94
46) Dibromomethane	9.706	93	62601	56.393	ug/l	95
47) Bromodichloromethane	9.888	83	134701	57.565	ug/l	97
48) Methyl methacrylate	9.677	41	87819	59.556	ug/l	95
49) 1,4-Dioxane	9.694	88	34154	1307.072	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	555608	307.615	ug/l	97
52) Toluene	10.629	92	225028	57.373	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	130922	54.052	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	135498	52.855	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	84167	56.968	ug/l	99
56) Ethyl methacrylate	10.871	69	138753	64.927	ug/l	91
57) 1,3-Dichloropropane	11.159	76	145534	57.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.312	63	734	0.734	ug/l #	48
59) 2-Hexanone	11.194	43	415977	316.407	ug/l	97
60) Dibromochloromethane	11.359	129	102791	61.045	ug/l	100
61) 1,2-Dibromoethane	11.465	107	85996	56.840	ug/l	100
64) Tetrachloroethene	11.100	164	70654	52.698	ug/l	98
65) Chlorobenzene	11.888	112	240666	53.370	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	88847	56.644	ug/l	99
67) Ethyl Benzene	11.959	91	427880	56.845	ug/l	98
68) m/p-Xylenes	12.070	106	326803	114.681	ug/l	100
69) o-Xylene	12.394	106	159287	59.752	ug/l	99
70) Styrene	12.412	104	270604	58.190	ug/l	100
71) Bromoform	12.576	173	69838	59.172	ug/l #	98
73) Isopropylbenzene	12.694	105	402146	54.145	ug/l	100
74) N-amyl acetate	12.494	43	154087	48.744	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	125423	50.592	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	104786m	49.460	ug/l	
77) Bromobenzene	12.982	156	98884	49.525	ug/l	95
78) n-propylbenzene	13.035	91	460312	52.889	ug/l	98
79) 2-Chlorotoluene	13.123	91	292096	51.363	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	344304	55.932	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	42087	47.129	ug/l	93
82) 4-Chlorotoluene	13.217	91	294554	49.217	ug/l	99
83) tert-Butylbenzene	13.435	119	282332	55.418	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	347897	54.758	ug/l	99
85) sec-Butylbenzene	13.617	105	389774	54.162	ug/l	100
86) p-Isopropyltoluene	13.729	119	329244	55.785	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	184304	47.298	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	182592	51.146	ug/l	99
89) n-Butylbenzene	14.053	91	265012	48.002	ug/l	99
90) Hexachloroethane	14.329	117	64780	49.217	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	184527	49.281	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26368	52.502	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	94786	46.249	ug/l	99
94) Hexachlorobutadiene	15.500	225	43359	48.176	ug/l	99
95) Naphthalene	15.635	128	304868	49.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	91928	46.207	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
Data File : VN084908.D
Acq On : 17 Nov 2024 20:25
Operator : JC\MD
Sample : P4845-07MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

Quant Time: Nov 18 00:27:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

