

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082816.D
 Acq On : 08 Jul 2024 11:58
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/09/2024

Quant Time: Jul 08 13:22:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	149992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	257779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	225882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	19849	9.440	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.880%#		
35) Dibromofluoromethane	8.171	113	15402	9.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.620%#		
50) Toluene-d8	10.571	98	55629	9.105	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.220%#		
62) 4-Bromofluorobenzene	12.853	95	18985	8.651	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	17.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	22282	11.474	ug/l	98
3) Chloromethane	2.365	50	19263	10.460	ug/l	99
4) Vinyl Chloride	2.512	62	20979	10.847	ug/l	96
5) Bromomethane	2.965	94	15164	10.874	ug/l	96
6) Chloroethane	3.124	64	14633	11.056	ug/l	98
7) Trichlorofluoromethane	3.495	101	30154	10.840	ug/l	97
8) Diethyl Ether	3.965	74	10241	10.757	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	17498	11.114	ug/l	97
10) Methyl Iodide	4.589	142	15272	9.461	ug/l #	96
11) Tert butyl alcohol	5.536	59	18586	52.556	ug/l	97
12) 1,1-Dichloroethene	4.342	96	16042	10.477	ug/l	86
13) Acrolein	4.183	56	13416	52.546	ug/l	97
14) Allyl chloride	5.024	41	23698	9.926	ug/l #	92
15) Acrylonitrile	5.724	53	40707	50.087	ug/l	99
16) Acetone	4.430	43	38146	51.530	ug/l	92
17) Carbon Disulfide	4.718	76	46416	10.145	ug/l	100
18) Methyl Acetate	5.030	43	20226	10.326	ug/l #	89
19) Methyl tert-butyl Ether	5.800	73	52657	9.970	ug/l	96
20) Methylene Chloride	5.283	84	17778	9.944	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	16568	9.986	ug/l	90
22) Diisopropyl ether	6.671	45	51732	10.357	ug/l	96
23) Vinyl Acetate	6.606	43	204361	51.523	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	31369	10.354	ug/l	95
25) 2-Butanone	7.488	43	55535	49.684	ug/l	93
26) 2,2-Dichloropropane	7.488	77	28882	10.253	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	19580	10.081	ug/l	89
28) Bromochloromethane	7.812	49	12249	9.424	ug/l #	82
29) Tetrahydrofuran	7.847	42	36613	52.030	ug/l #	86
30) Chloroform	7.971	83	33027	10.276	ug/l	97
31) Cyclohexane	8.259	56	28573	10.394	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	31226	10.464	ug/l	92
36) 1,1-Dichloropropene	8.377	75	22791	9.994	ug/l	97
37) Ethyl Acetate	7.565	43	24578	10.586	ug/l	96
38) Carbon Tetrachloride	8.365	117	27654	10.071	ug/l	98
39) Methylcyclohexane	9.600	83	24493	9.943	ug/l	90
40) Benzene	8.612	78	70633	10.069	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082816.D
 Acq On : 08 Jul 2024 11:58
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jul 08 13:22:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11620	9.290	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	25582	10.130	ug/l	97
43) Isopropyl Acetate	8.688	43	50619	9.276	ug/l	97
44) Trichloroethene	9.359	130	17626	9.807	ug/l	95
45) 1,2-Dichloropropane	9.624	63	16605	10.139	ug/l	99
46) Dibromomethane	9.712	93	12801	10.033	ug/l	95
47) Bromodichloromethane	9.894	83	26671	10.117	ug/l	98
48) Methyl methacrylate	9.682	41	18436	10.126	ug/l	92
49) 1,4-Dioxane	9.700	88	8300	205.979	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	117319	50.968	ug/l	94
52) Toluene	10.635	92	42655	9.734	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	27016	9.947	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	28660	9.970	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	16379	10.164	ug/l	94
56) Ethyl methacrylate	10.876	69	24916	9.939	ug/l	90
57) 1,3-Dichloropropane	11.165	76	28537	10.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	66744	51.884	ug/l	92
59) 2-Hexanone	11.194	43	87280	51.000	ug/l	94
60) Dibromochloromethane	11.359	129	20206	9.845	ug/l	98
61) 1,2-Dibromoethane	11.471	107	17130	10.010	ug/l	97
64) Tetrachloroethene	11.106	164	17106	10.150	ug/l	93
65) Chlorobenzene	11.894	112	48911	10.105	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	17240	10.013	ug/l	97
67) Ethyl Benzene	11.965	91	79293	9.747	ug/l	97
68) m/p-Xylenes	12.070	106	60484	19.693	ug/l	99
69) o-Xylene	12.400	106	30111	10.232	ug/l	91
70) Styrene	12.412	104	47190	9.705	ug/l	99
71) Bromoform	12.582	173	13759	10.162	ug/l #	99
73) Isopropylbenzene	12.700	105	74520	10.087	ug/l	98
74) N-amyl acetate	12.494	43	31013	10.149	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	22181	10.025	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	18724m	9.311	ug/l	
77) Bromobenzene	12.982	156	18859	9.895	ug/l	96
78) n-propylbenzene	13.035	91	84252	9.919	ug/l	100
79) 2-Chlorotoluene	13.123	91	52729	9.743	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	59907	10.032	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	8389	9.413	ug/l	95
82) 4-Chlorotoluene	13.223	91	54707	10.213	ug/l	99
83) tert-Butylbenzene	13.441	119	51630	9.753	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	61527	10.109	ug/l	98
85) sec-Butylbenzene	13.617	105	70777	9.893	ug/l	100
86) p-Isopropyltoluene	13.729	119	58424	9.788	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	33732	9.798	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	34718	10.049	ug/l	97
89) n-Butylbenzene	14.059	91	47529	9.295	ug/l	99
90) Hexachloroethane	14.335	117	12805	10.139	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	33440	10.004	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5476	10.698	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	16862	9.365	ug/l	97
94) Hexachlorobutadiene	15.506	225	7730	9.684	ug/l	97
95) Naphthalene	15.641	128	59638	9.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	17569	9.490	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
Data File : VN082816.D
Acq On : 08 Jul 2024 11:58
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

Quant Time: Jul 08 13:22:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:14:54 2024
Response via : Initial Calibration

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

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

