

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084387.D
 Acq On : 10 Oct 2024 14:52
 Operator : JC\MD
 Sample : P4368-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 11 05:31:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111837	46.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.660%		
35) Dibromofluoromethane	8.165	113	89660	47.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.560%		
50) Toluene-d8	10.565	98	305250	43.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.500%		
62) 4-Bromofluorobenzene	12.847	95	107905	42.451	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	84.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	2015	1.058	ug/l	85
3) Chloromethane	2.365	50	2619	1.204	ug/l	98
4) Vinyl Chloride	2.512	62	2455	1.165	ug/l #	81
5) Bromomethane	2.965	94	1675	1.205	ug/l	98
6) Chloroethane	3.118	64	2877m	1.906	ug/l	
7) Trichlorofluoromethane	3.506	101	3630	1.106	ug/l #	79
8) Diethyl Ether	3.959	74	1015	0.834	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	4.365	101	2117m	1.126	ug/l	
10) Methyl Iodide	4.583	142	2353	0.972	ug/l #	71
11) Tert butyl alcohol	5.524	59	1985	5.041	ug/l #	73
12) 1,1-Dichloroethene	4.342	96	1715	0.946	ug/l	88
13) Acrolein	4.195	56	1179	2.608	ug/l #	62
14) Allyl chloride	5.036	41	2775	0.881	ug/l #	91
15) Acrylonitrile	5.718	53	4693	4.719	ug/l	98
16) Acetone	4.442	43	6340	6.180	ug/l	90
17) Carbon Disulfide	4.712	76	5834	1.016	ug/l	98
18) Methyl Acetate	5.012	43	1340	0.599	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	5849	0.956	ug/l	95
20) Methylene Chloride	5.277	84	2587	1.241	ug/l #	54
21) trans-1,2-Dichloroethene	5.795	96	2295	1.208	ug/l	83
22) Diisopropyl ether	6.671	45	5749	0.882	ug/l #	93
23) Vinyl Acetate	6.606	43	19915	4.121	ug/l	97
24) 1,1-Dichloroethane	6.559	63	4375	1.201	ug/l #	77
25) 2-Butanone	7.489	43	7490	5.360	ug/l	97
26) 2,2-Dichloropropane	7.483	77	3551	1.081	ug/l	77
27) cis-1,2-Dichloroethene	7.483	96	2262	0.985	ug/l	97
28) Bromochloromethane	7.812	49	2185	1.344	ug/l #	93
29) Tetrahydrofuran	7.847	42	3732	4.328	ug/l	97
30) Chloroform	7.965	83	4176	1.103	ug/l #	83
31) Cyclohexane	8.224	56	6869	1.942	ug/l #	11
32) 1,1,1-Trichloroethane	8.165	97	3663	1.078	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	2815	1.022	ug/l #	92
37) Ethyl Acetate	7.571	43	2517	0.891	ug/l #	90
38) Carbon Tetrachloride	8.353	117	3130	1.036	ug/l	84
39) Methylcyclohexane	9.600	83	2654	0.866	ug/l #	83
40) Benzene	8.612	78	8782	1.023	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084387.D
 Acq On : 10 Oct 2024 14:52
 Operator : JC\MD
 Sample : P4368-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 11 05:31:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	1426	0.929	ug/l #	84
42) 1,2-Dichloroethane	8.665	62	3482	1.197	ug/l	81
43) Isopropyl Acetate	8.688	43	5985	1.081	ug/l #	87
44) Trichloroethene	9.347	130	2268	1.131	ug/l	98
45) 1,2-Dichloropropane	9.618	63	2089	1.029	ug/l #	62
46) Dibromomethane	9.706	93	1631	1.190	ug/l	84
47) Bromodichloromethane	9.888	83	3575	1.174	ug/l #	84
48) Methyl methacrylate	9.677	41	1858	0.843	ug/l	94
49) 1,4-Dioxane	9.706	88	650	16.023	ug/l #	71
51) 4-Methyl-2-Pentanone	10.441	43	11268	4.188	ug/l	92
52) Toluene	10.624	92	5436	1.039	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	2801	0.903	ug/l #	86
54) cis-1,3-Dichloropropene	10.318	75	2994	0.897	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	2135	1.138	ug/l #	88
56) Ethyl methacrylate	10.871	69	2503	0.811	ug/l	91
57) 1,3-Dichloropropane	11.171	76	3462	1.033	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	7009	4.894	ug/l	98
59) 2-Hexanone	11.194	43	8487	4.221	ug/l	99
60) Dibromochloromethane	11.365	129	2372	1.070	ug/l	91
61) 1,2-Dibromoethane	11.471	107	2201	1.129	ug/l	100
64) Tetrachloroethene	11.100	164	1717	0.976	ug/l	92
65) Chlorobenzene	11.894	112	5870	1.048	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	1934	1.003	ug/l #	59
67) Ethyl Benzene	11.959	91	9059	0.915	ug/l	91
68) m/p-Xylenes	12.071	106	5858	1.599	ug/l	96
69) o-Xylene	12.394	106	2737	0.790	ug/l	91
70) Styrene	12.406	104	4733	0.806	ug/l	96
71) Bromoform	12.582	173	1400	0.986	ug/l #	98
73) Isopropylbenzene	12.694	105	7312	0.867	ug/l	99
74) N-amyl acetate	12.494	43	3178	0.832	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	2866	1.130	ug/l #	92
76) 1,2,3-Trichloropropane	12.994	75	3429	1.519	ug/l	69
77) Bromobenzene	12.976	156	2432	1.195	ug/l	86
78) n-propylbenzene	13.035	91	9428	0.964	ug/l	99
79) 2-Chlorotoluene	13.124	91	6402	1.026	ug/l	95
80) 1,3,5-Trimethylbenzene	13.171	105	5935	0.862	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	659m	0.700	ug/l	
82) 4-Chlorotoluene	13.224	91	5549	0.884	ug/l	92
83) tert-Butylbenzene	13.435	119	5615	0.918	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	5251	0.757	ug/l	98
85) sec-Butylbenzene	13.618	105	7303	0.895	ug/l	93
86) p-Isopropyltoluene	13.729	119	5040	0.747	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	3782	0.991	ug/l	96
88) 1,4-Dichlorobenzene	13.806	146	3841m	0.996	ug/l	
89) n-Butylbenzene	14.047	91	5127	0.838	ug/l	97
90) Hexachloroethane	14.335	117	1366	0.997	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	3410	0.911	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.718	75	496	0.947	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	1786	0.968	ug/l	92
94) Hexachlorobutadiene	15.494	225	837	0.910	ug/l	95
95) Naphthalene	15.647	128	4316	0.706	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	1611	0.873	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
Data File : VN084387.D
Acq On : 10 Oct 2024 14:52
Operator : JC\MD
Sample : P4368-08 1.0PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Quant Time: Oct 11 05:31:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 05:25:25 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

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

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

