

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084887.D
 Acq On : 17 Nov 2024 11:50
 Operator : JC\MD
 Sample : VN1117WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 00:16:40 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)

Internal Standards						
1) Pentafluorobenzene	8.218	168	152221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97806	44.486	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.980%
35) Dibromofluoromethane	8.159	113	79099	47.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	10.565	98	312209	51.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.847	95	121951	53.327	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.660%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	33482	19.134	ug/l 96
3) Chloromethane	2.359	50	40896	18.320	ug/l 96
4) Vinyl Chloride	2.512	62	40518	21.528	ug/l 98
5) Bromomethane	2.901	94	21273	21.333	ug/l 96
6) Chloroethane	3.077	64	26808	22.236	ug/l 93
7) Trichlorofluoromethane	3.471	101	62456	20.145	ug/l 98
8) Diethyl Ether	3.959	74	20276	18.539	ug/l 97
9) 1,1,2-Trichlorotrifluo...	4.353	101	36137	20.628	ug/l # 87
10) Methyl Iodide	4.577	142	46260	19.758	ug/l 91
11) Tert butyl alcohol	5.536	59	25739	88.692	ug/l # 86
12) 1,1-Dichloroethene	4.324	96	32713	18.871	ug/l 89
13) Acrolein	4.165	56	24280	83.902	ug/l 100
14) Allyl chloride	5.012	41	49280	17.529	ug/l 94
15) Acrylonitrile	5.718	53	80067	95.302	ug/l 98
16) Acetone	4.424	43	60652	93.719	ug/l 99
17) Carbon Disulfide	4.695	76	86152	16.138	ug/l 96
18) Methyl Acetate	5.024	43	42081	15.375	ug/l 94
19) Methyl tert-butyl Ether	5.789	73	104057	19.585	ug/l 98
20) Methylene Chloride	5.265	84	37118	19.195	ug/l 85
21) trans-1,2-Dichloroethene	5.771	96	32531	18.276	ug/l 96
22) Diisopropyl ether	6.665	45	106104	18.995	ug/l 98
23) Vinyl Acetate	6.600	43	360361	93.547	ug/l 98
24) 1,1-Dichloroethane	6.565	63	63877	19.047	ug/l 94
25) 2-Butanone	7.483	43	98266	95.803	ug/l 97
26) 2,2-Dichloropropane	7.489	77	60746	20.811	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	38581	18.563	ug/l 98
28) Bromochloromethane	7.806	49	29096	21.776	ug/l 88
29) Tetrahydrofuran	7.836	42	64385	94.618	ug/l 95
30) Chloroform	7.959	83	67787	19.859	ug/l 96
31) Cyclohexane	8.247	56	54042	17.804	ug/l 99
32) 1,1,1-Trichloroethane	8.165	97	63994	20.598	ug/l 96
36) 1,1-Dichloropropene	8.365	75	44124	19.153	ug/l 98
37) Ethyl Acetate	7.553	43	42411	20.291	ug/l 98
38) Carbon Tetrachloride	8.359	117	56527	21.952	ug/l 92
39) Methylcyclohexane	9.594	83	45566	19.442	ug/l 99
40) Benzene	8.600	78	144450	19.524	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23599	20.995	ug/l	96
42) 1,2-Dichloroethane	8.665	62	50652	21.140	ug/l	98
43) Isopropyl Acetate	8.688	43	74424	18.669	ug/l	98
44) Trichloroethene	9.347	130	33330	19.534	ug/l	98
45) 1,2-Dichloropropane	9.618	63	34329	19.780	ug/l	98
46) Dibromomethane	9.706	93	25116	20.509	ug/l	95
47) Bromodichloromethane	9.883	83	56164	21.757	ug/l	98
48) Methyl methacrylate	9.677	41	31939	19.634	ug/l	94
49) 1,4-Dioxane	9.694	88	12299	426.655	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	242457	121.681	ug/l	98
52) Toluene	10.624	92	100207	23.159	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	55520	20.778	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	62094	21.956	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	37735	23.152	ug/l	98
56) Ethyl methacrylate	10.871	69	56149	23.816	ug/l	95
57) 1,3-Dichloropropane	11.159	76	64356	23.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	92951	84.256	ug/l	93
59) 2-Hexanone	11.194	43	177482	122.372	ug/l	100
60) Dibromochloromethane	11.359	129	44738	24.084	ug/l	100
61) 1,2-Dibromoethane	11.465	107	38062	22.804	ug/l	100
64) Tetrachloroethene	11.100	164	32974	20.877	ug/l	95
65) Chlorobenzene	11.888	112	105672	19.892	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	38455	20.811	ug/l	99
67) Ethyl Benzene	11.959	91	174156	19.640	ug/l	98
68) m/p-Xylenes	12.071	106	139516	41.559	ug/l	99
69) o-Xylene	12.394	106	67119	21.372	ug/l	99
70) Styrene	12.412	104	113957	20.801	ug/l	99
71) Bromoform	12.576	173	30083	21.636	ug/l #	99
73) Isopropylbenzene	12.694	105	167648	19.238	ug/l	100
74) N-amyl acetate	12.494	43	71216	19.201	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	57353	19.717	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	46775m	18.817	ug/l	
77) Bromobenzene	12.976	156	41923	17.895	ug/l	99
78) n-propylbenzene	13.035	91	197703	19.360	ug/l	99
79) 2-Chlorotoluene	13.123	91	128127	19.202	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	146613	20.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18945	18.081	ug/l	90
82) 4-Chlorotoluene	13.218	91	129830	18.489	ug/l	99
83) tert-Butylbenzene	13.435	119	119970	20.070	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	150913	20.245	ug/l	98
85) sec-Butylbenzene	13.612	105	165605	19.613	ug/l	99
86) p-Isopropyltoluene	13.729	119	138725	20.033	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	79850	17.465	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82241	18.909	ug/l	98
89) n-Butylbenzene	14.053	91	111622	17.232	ug/l	98
90) Hexachloroethane	14.335	117	27964	18.108	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	79916	18.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10700	18.158	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	35324	14.690	ug/l	99
94) Hexachlorobutadiene	15.500	225	18663	17.673	ug/l	94
95) Naphthalene	15.641	128	108489	15.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35810	15.341	ug/l	98

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

