

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
 Data File : VN085067.D
 Acq On : 02 Dec 2024 14:06
 Operator : JC\MD
 Sample : VN1202WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:48:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	162258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	262253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	224814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113343	49.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.080%
35) Dibromofluoromethane	8.165	113	92948	52.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.120%
50) Toluene-d8	10.559	98	330863	52.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.847	95	126083	53.195	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30382	16.559	ug/l	98
3) Chloromethane	2.359	50	30656	14.406	ug/l	93
4) Vinyl Chloride	2.518	62	30552	15.976	ug/l	98
5) Bromomethane	2.901	94	17075	15.930	ug/l	95
6) Chloroethane	3.089	64	20352	15.789	ug/l	98
7) Trichlorofluoromethane	3.483	101	57033	17.532	ug/l	96
8) Diethyl Ether	3.953	74	19844	17.922	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	33189	17.988	ug/l	98
10) Methyl Iodide	4.583	142	40383	16.535	ug/l	96
11) Tert butyl alcohol	5.524	59	24841	80.429	ug/l #	93
12) 1,1-Dichloroethene	4.330	96	29563	17.166	ug/l	90
13) Acrolein	4.177	56	23357	113.334	ug/l	97
14) Allyl chloride	5.018	41	47339m	16.305	ug/l	
15) Acrylonitrile	5.712	53	73964	84.587	ug/l	98
16) Acetone	4.424	43	61914	91.980	ug/l	99
17) Carbon Disulfide	4.706	76	66922	13.165	ug/l	96
18) Methyl Acetate	5.018	43	39166	17.458	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	103903	18.465	ug/l	96
20) Methylene Chloride	5.265	84	33795	16.453	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	29421	16.234	ug/l	93
22) Diisopropyl ether	6.671	45	106512	18.228	ug/l	97
23) Vinyl Acetate	6.594	43	357150	88.597	ug/l	99
24) 1,1-Dichloroethane	6.559	63	61846	17.687	ug/l	99
25) 2-Butanone	7.477	43	93202	84.690	ug/l	100
26) 2,2-Dichloropropane	7.489	77	58678	17.971	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	37840	17.319	ug/l	98
28) Bromochloromethane	7.806	49	23847	18.066	ug/l #	96
29) Tetrahydrofuran	7.836	42	56595	82.697	ug/l	97
30) Chloroform	7.959	83	65788	17.687	ug/l	97
31) Cyclohexane	8.253	56	48618	15.792	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	60799	18.088	ug/l	95
36) 1,1-Dichloropropene	8.365	75	42274	17.647	ug/l	99
37) Ethyl Acetate	7.553	43	38076	17.484	ug/l	98
38) Carbon Tetrachloride	8.353	117	51810	18.737	ug/l	98
39) Methylcyclohexane	9.594	83	43471	17.464	ug/l	94
40) Benzene	8.600	78	136341	17.995	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20943	17.369	ug/l	96
42) 1,2-Dichloroethane	8.659	62	47633	18.377	ug/l	98
43) Isopropyl Acetate	8.683	43	68122	15.059	ug/l	98
44) Trichloroethene	9.347	130	32486	18.450	ug/l	94
45) 1,2-Dichloropropane	9.618	63	34192	18.323	ug/l	99
46) Dibromomethane	9.706	93	23413	18.056	ug/l	97
47) Bromodichloromethane	9.882	83	51646	18.793	ug/l	97
48) Methyl methacrylate	9.677	41	30832	18.316	ug/l	96
49) 1,4-Dioxane	9.694	88	10264	351.606	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	191607	92.736	ug/l	99
52) Toluene	10.624	92	82965	18.497	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50890	18.470	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	54337	18.589	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	32539	19.477	ug/l	97
56) Ethyl methacrylate	10.871	69	47033	19.266	ug/l	97
57) 1,3-Dichloropropane	11.159	76	55576	18.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	109920	91.791	ug/l	99
59) 2-Hexanone	11.194	43	139779	90.455	ug/l	98
60) Dibromochloromethane	11.359	129	39215	19.206	ug/l	98
61) 1,2-Dibromoethane	11.465	107	31284	18.094	ug/l	99
64) Tetrachloroethene	11.100	164	27362	18.062	ug/l	93
65) Chlorobenzene	11.888	112	93155	18.271	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.953	131	35011	19.503	ug/l	99
67) Ethyl Benzene	11.959	91	151323	18.294	ug/l	99
68) m/p-Xylenes	12.071	106	118479	37.622	ug/l	99
69) o-Xylene	12.394	106	57026	19.036	ug/l	100
70) Styrene	12.406	104	96244	19.320	ug/l	100
71) Bromoform	12.576	173	25484	19.125	ug/l #	99
73) Isopropylbenzene	12.694	105	144005	17.774	ug/l	98
74) N-amyl acetate	12.488	43	56279	16.857	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	46398	16.771	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	41529m	19.881	ug/l	
77) Bromobenzene	12.976	156	38697	17.749	ug/l	99
78) n-propylbenzene	13.029	91	169738	18.164	ug/l	100
79) 2-Chlorotoluene	13.123	91	111540	17.881	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	128025	18.831	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	15809	16.707	ug/l	93
82) 4-Chlorotoluene	13.218	91	113992	17.554	ug/l	100
83) tert-Butylbenzene	13.435	119	107298	18.343	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	128779	18.402	ug/l	99
85) sec-Butylbenzene	13.612	105	152188	19.260	ug/l	99
86) p-Isopropyltoluene	13.723	119	127113	19.487	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	71533	16.634	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	70967	16.171	ug/l	99
89) n-Butylbenzene	14.053	91	105861	17.451	ug/l	98
90) Hexachloroethane	14.329	117	24578	17.286	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	69454	16.854	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8428	15.754	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	36524	16.315	ug/l	100
94) Hexachlorobutadiene	15.500	225	18080	17.499	ug/l	98
95) Naphthalene	15.635	128	99022	15.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	35226	16.491	ug/l	96

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

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