

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085048.D
 Acq On : 26 Nov 2024 17:23
 Operator : JC\MD
 Sample : VN1126WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 05:18:14 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	156485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112680	50.551	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.165	113	88789	49.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	10.565	98	321683	49.654	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.847	95	116643	48.145	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32504	18.370	ug/l	92
3) Chloromethane	2.359	50	34035	16.584	ug/l	96
4) Vinyl Chloride	2.512	62	33185	17.993	ug/l	90
5) Bromomethane	2.900	94	18413	17.812	ug/l	94
6) Chloroethane	3.059	64	21243	17.088	ug/l	96
7) Trichlorofluoromethane	3.459	101	58017	18.492	ug/l	94
8) Diethyl Ether	3.953	74	19501	18.262	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.342	101	33538	18.848	ug/l	96
10) Methyl Iodide	4.571	142	44093	18.720	ug/l	97
11) Tert butyl alcohol	5.541	59	33653	112.980	ug/l #	90
12) 1,1-Dichloroethene	4.318	96	29936	18.024	ug/l	97
13) Acrolein	4.177	56	24730	124.423	ug/l	96
14) Allyl chloride	5.012	41	50144	17.909	ug/l	98
15) Acrylonitrile	5.718	53	88707	105.189	ug/l	100
16) Acetone	4.430	43	78290	120.599	ug/l	97
17) Carbon Disulfide	4.694	76	77404	15.789	ug/l	99
18) Methyl Acetate	5.018	43	49780	23.381	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	104642	19.283	ug/l	100
20) Methylene Chloride	5.265	84	36060	18.203	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	30649	17.535	ug/l	90
22) Diisopropyl ether	6.671	45	111354	19.760	ug/l	97
23) Vinyl Acetate	6.600	43	404903	104.149	ug/l	97
24) 1,1-Dichloroethane	6.559	63	65386	19.389	ug/l	99
25) 2-Butanone	7.482	43	117204	110.429	ug/l	98
26) 2,2-Dichloropropane	7.488	77	56496	17.941	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	38914	18.468	ug/l	99
28) Bromochloromethane	7.806	49	23483	18.447	ug/l	96
29) Tetrahydrofuran	7.835	42	73901	111.968	ug/l	99
30) Chloroform	7.959	83	66782	18.616	ug/l	97
31) Cyclohexane	8.253	56	51170	17.234	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	63041	19.447	ug/l	99
36) 1,1-Dichloropropene	8.371	75	42094	17.191	ug/l	98
37) Ethyl Acetate	7.559	43	41999	18.868	ug/l	98
38) Carbon Tetrachloride	8.359	117	53977	19.098	ug/l	96
39) Methylcyclohexane	9.600	83	45051	17.706	ug/l	97
40) Benzene	8.600	78	141656	18.292	ug/l	99

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41) Methacrylonitrile	7.777	41	23960	19.441	ug/l	94
42) 1,2-Dichloroethane	8.665	62	48736	18.395	ug/l	98
43) Isopropyl Acetate	8.688	43	234536	50.724	ug/l #	72
44) Trichloroethene	9.347	130	32453	18.032	ug/l	90
45) 1,2-Dichloropropane	9.618	63	34904	18.299	ug/l	95
46) Dibromomethane	9.706	93	25052	18.901	ug/l	98
47) Bromodichloromethane	9.888	83	52150	18.565	ug/l	99
48) Methyl methacrylate	9.682	41	35653	20.721	ug/l	97
49) 1,4-Dioxane	9.700	88	13502	452.504	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	240499	113.877	ug/l	99
52) Toluene	10.629	92	87220	19.025	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50258	17.845	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	55267	18.498	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	33745	19.761	ug/l	98
56) Ethyl methacrylate	10.876	69	50525	20.248	ug/l	96
57) 1,3-Dichloropropane	11.159	76	57072	18.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	119120	97.318	ug/l	99
59) 2-Hexanone	11.194	43	176799	111.932	ug/l	97
60) Dibromochloromethane	11.359	129	40461	19.387	ug/l	100
61) 1,2-Dibromoethane	11.470	107	34338	19.430	ug/l	98
64) Tetrachloroethene	11.106	164	26963	17.204	ug/l	96
65) Chlorobenzene	11.894	112	91319	17.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	35362	19.040	ug/l	99
67) Ethyl Benzene	11.965	91	153976	17.992	ug/l	95
68) m/p-Xylenes	12.070	106	118623	36.408	ug/l	99
69) o-Xylene	12.400	106	56679	18.288	ug/l	97
70) Styrene	12.412	104	95579	18.544	ug/l	100
71) Bromoform	12.576	173	26878	19.497	ug/l #	99
73) Isopropylbenzene	12.694	105	143147	17.617	ug/l	99
74) N-amyl acetate	12.494	43	67626	20.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	52860	19.051	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47096m	22.481	ug/l	
77) Bromobenzene	12.976	156	36643	16.758	ug/l	95
78) n-propylbenzene	13.035	91	164030	17.503	ug/l	99
79) 2-Chlorotoluene	13.123	91	109961	17.577	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	123585	18.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17959	18.924	ug/l	95
82) 4-Chlorotoluene	13.217	91	107680	16.534	ug/l	99
83) tert-Butylbenzene	13.435	119	100716	17.168	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	126554	18.032	ug/l	100
85) sec-Butylbenzene	13.617	105	138574	17.486	ug/l	100
86) p-Isopropyltoluene	13.729	119	112746	17.235	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	67877	15.738	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	67137	15.254	ug/l	99
89) n-Butylbenzene	14.059	91	91186	14.989	ug/l	97
90) Hexachloroethane	14.335	117	25432	17.835	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	67515	16.337	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10691	19.926	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	30734	13.689	ug/l	97
94) Hexachlorobutadiene	15.494	225	15588	15.044	ug/l	94
95) Naphthalene	15.641	128	98710	15.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30935	14.440	ug/l	97

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

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