

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084154.D
 Acq On : 25 Sep 2024 12:59
 Operator : JC\MD
 Sample : VN0925WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:32:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109375	49.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	8.171	113	82873	51.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.920%		
50) Toluene-d8	10.565	98	289789	52.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.120%		
62) 4-Bromofluorobenzene	12.847	95	108464	47.679	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	21898	12.980	ug/l	99
3) Chloromethane	2.365	50	26726	14.191	ug/l	92
4) Vinyl Chloride	2.512	62	24955	13.495	ug/l	96
5) Bromomethane	2.959	94	17157	16.159	ug/l	99
6) Chloroethane	3.118	64	18828	14.515	ug/l	99
7) Trichlorofluoromethane	3.506	101	47296	15.068	ug/l	92
8) Diethyl Ether	3.965	74	17429	16.564	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	26996	16.226	ug/l	97
10) Methyl Iodide	4.589	142	31321	14.802	ug/l	98
11) Tert butyl alcohol	5.524	59	30774	104.915	ug/l	98
12) 1,1-Dichloroethene	4.342	96	24271	15.447	ug/l	92
13) Acrolein	4.183	56	29800	102.967	ug/l	99
14) Allyl chloride	5.024	41	42732	15.263	ug/l	99
15) Acrylonitrile	5.724	53	81266	101.876	ug/l	99
16) Acetone	4.430	43	76875	87.546	ug/l	96
17) Carbon Disulfide	4.718	76	57878	13.168	ug/l #	94
18) Methyl Acetate	5.030	43	40982	21.336	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	99972	17.583	ug/l	98
20) Methylene Chloride	5.277	84	29641	16.495	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	25131	14.924	ug/l	92
22) Diisopropyl ether	6.671	45	107577	18.666	ug/l	97
23) Vinyl Acetate	6.600	43	384959	91.209	ug/l	98
24) 1,1-Dichloroethane	6.565	63	57481	17.311	ug/l	97
25) 2-Butanone	7.483	43	115745	100.288	ug/l	96
26) 2,2-Dichloropropane	7.489	77	49757	16.272	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	33274	16.646	ug/l	98
28) Bromochloromethane	7.812	49	32589	23.306	ug/l	99
29) Tetrahydrofuran	7.841	42	71395	104.619	ug/l	97
30) Chloroform	7.965	83	60500	17.163	ug/l	98
31) Cyclohexane	8.253	56	44968	14.204	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	52016	16.048	ug/l	96
36) 1,1-Dichloropropene	8.371	75	38487	16.032	ug/l	99
37) Ethyl Acetate	7.559	43	44031	20.206	ug/l	99
38) Carbon Tetrachloride	8.359	117	44839	16.464	ug/l	99
39) Methylcyclohexane	9.600	83	37997	13.905	ug/l	95
40) Benzene	8.606	78	123744	17.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	25524	19.804	ug/l	98
42) 1,2-Dichloroethane	8.671	62	47668	17.655	ug/l	98
43) Isopropyl Acetate	8.688	43	78081	19.774	ug/l	98
44) Trichloroethene	9.353	130	28189	16.847	ug/l	93
45) 1,2-Dichloropropane	9.624	63	31499	18.037	ug/l	93
46) Dibromomethane	9.706	93	22785	18.627	ug/l	99
47) Bromodichloromethane	9.888	83	48652	18.378	ug/l	98
48) Methyl methacrylate	9.683	41	35895	19.160	ug/l	96
49) 1,4-Dioxane	9.694	88	12725	412.889	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	233327	108.549	ug/l	97
52) Toluene	10.630	92	75672	17.122	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	48518	18.081	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	52323	18.563	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	31025	18.803	ug/l	98
56) Ethyl methacrylate	10.871	69	47851	18.849	ug/l	97
57) 1,3-Dichloropropane	11.165	76	53305	18.797	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	87529	95.690	ug/l	96
59) 2-Hexanone	11.194	43	167646	105.435	ug/l	99
60) Dibromochloromethane	11.359	129	35414	19.178	ug/l	99
61) 1,2-Dibromoethane	11.471	107	30262	18.390	ug/l	99
64) Tetrachloroethene	11.100	164	23808	16.210	ug/l	91
65) Chlorobenzene	11.888	112	83206	16.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31504	18.513	ug/l	97
67) Ethyl Benzene	11.965	91	140253	16.084	ug/l	98
68) m/p-Xylenes	12.071	106	105724	32.657	ug/l	100
69) o-Xylene	12.400	106	52943	16.893	ug/l	96
70) Styrene	12.412	104	89096	17.322	ug/l	99
71) Bromoform	12.576	173	23205	20.236	ug/l #	97
73) Isopropylbenzene	12.694	105	133336	16.708	ug/l	98
74) N-amyl acetate	12.494	43	64975	19.082	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	45961	19.601	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44428m	21.345	ug/l	
77) Bromobenzene	12.982	156	32836	17.093	ug/l	99
78) n-propylbenzene	13.035	91	159236	17.149	ug/l	99
79) 2-Chlorotoluene	13.123	91	101611	17.159	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	114125	16.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14806	18.631	ug/l	89
82) 4-Chlorotoluene	13.218	91	101419	17.066	ug/l	99
83) tert-Butylbenzene	13.435	119	97950	16.639	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	114493	16.940	ug/l	99
85) sec-Butylbenzene	13.618	105	133638	17.118	ug/l	98
86) p-Isopropyltoluene	13.729	119	109019	16.659	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	58982	16.269	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	61182	16.666	ug/l	99
89) n-Butylbenzene	14.053	91	93481	15.910	ug/l	100
90) Hexachloroethane	14.335	117	22112	16.808	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	59651	17.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9462	20.243	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	28187	15.012	ug/l	99
94) Hexachlorobutadiene	15.500	225	12452	15.616	ug/l	97
95) Naphthalene	15.641	128	91107	15.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	28251	15.744	ug/l	99

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

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