

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043730.D
 Acq On : 07 Nov 2024 12:42
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
 Supervised By :Semsettin Yesilyurt 11/08/2024

Quant Time: Nov 08 04:05:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57189	43.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.020%		
35) Dibromofluoromethane	5.385	113	52499	48.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	8.647	98	179219	47.815	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.620%		
62) 4-Bromofluorobenzene	11.079	95	66065	47.566	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	14592	16.363	ug/l	95
3) Chloromethane	1.288	50	20557	18.033	ug/l	98
4) Vinyl Chloride	1.374	62	18771	17.742	ug/l	93
5) Bromomethane	1.593	94	10025	23.243	ug/l	100
6) Chloroethane	1.666	64	12172	32.656	ug/l	95
7) Trichlorofluoromethane	1.868	101	26893	20.807	ug/l	97
8) Diethyl Ether	2.136	74	13189	22.086	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	18021	20.617	ug/l	96
10) Methyl Iodide	2.447	142	30039	23.787	ug/l	96
11) Tert butyl alcohol	2.989	59	29692m	119.640	ug/l	
12) 1,1-Dichloroethene	2.313	96	18716	20.953	ug/l	87
13) Acrolein	2.240	56	10315	53.147	ug/l	100
14) Allyl chloride	2.660	41	30979	20.052	ug/l	96
15) Acrylonitrile	3.069	53	62881	112.222	ug/l	98
16) Acetone	2.386	43	54470	103.162	ug/l	89
17) Carbon Disulfide	2.502	76	30208	16.173	ug/l	99
18) Methyl Acetate	2.703	43	32733	21.212	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	75867	22.333	ug/l	97
20) Methylene Chloride	2.782	84	25027	21.993	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	20645	21.877	ug/l	92
22) Diisopropyl ether	3.764	45	75020	23.492	ug/l	94
23) Vinyl Acetate	3.721	43	280518	106.327	ug/l	97
24) 1,1-Dichloroethane	3.605	63	41544	22.634	ug/l #	93
25) 2-Butanone	4.568	43	84341	109.504	ug/l	98
26) 2,2-Dichloropropane	4.477	77	31119	20.713	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	28638	23.757	ug/l	95
28) Bromochloromethane	4.898	49	21140	24.211	ug/l	99
29) Tetrahydrofuran	5.007	42	54133	108.151	ug/l	96
30) Chloroform	5.087	83	45637	23.719	ug/l	94
31) Cyclohexane	5.465	56	25667	18.283	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	33961	21.024	ug/l	96
36) 1,1-Dichloropropene	5.690	75	22952	17.876	ug/l	96
37) Ethyl Acetate	4.721	43	30851	19.792	ug/l	95
38) Carbon Tetrachloride	5.666	117	26081	18.384	ug/l	97
39) Methylcyclohexane	7.373	83	28982	18.181	ug/l	93
40) Benzene	6.032	78	94305	22.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17436	21.310	ug/l	94
42) 1,2-Dichloroethane	6.086	62	32026	20.798	ug/l	97
43) Isopropyl Acetate	6.349	43	50450	19.571	ug/l	97
44) Trichloroethene	7.123	130	23289	21.886	ug/l	84
45) 1,2-Dichloropropane	7.428	63	22655	21.481	ug/l	92
46) Dibromomethane	7.580	93	16963	20.889	ug/l	93
47) Bromodichloromethane	7.818	83	31365	22.017	ug/l	96
48) Methyl methacrylate	7.696	41	24007	19.643	ug/l	93
49) 1,4-Dioxane	7.665	88	11815	470.539	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	165707	105.468	ug/l	98
52) Toluene	8.714	92	58335	22.457	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31022	20.275	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	35950	22.051	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	25518	23.600	ug/l	97
56) Ethyl methacrylate	9.116	69	36371	20.702	ug/l	92
57) 1,3-Dichloropropane	9.305	76	40831	22.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	71667	84.224	ug/l	98
59) 2-Hexanone	9.433	43	123931	103.856	ug/l	96
60) Dibromochloromethane	9.519	129	24886	23.243	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24783	22.080	ug/l	99
64) Tetrachloroethene	9.275	164	20016	21.537	ug/l	87
65) Chlorobenzene	10.080	112	69890	21.984	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	23821	22.940	ug/l	99
67) Ethyl Benzene	10.195	91	105328	20.318	ug/l	98
68) m/p-Xylenes	10.299	106	85190	42.972	ug/l	92
69) o-Xylene	10.640	106	45171	22.678	ug/l	94
70) Styrene	10.653	104	76956	23.245	ug/l	96
71) Bromoform	10.799	173	14629	19.593	ug/l #	94
73) Isopropylbenzene	10.964	105	102728	20.884	ug/l	98
74) N-amyl acetate	10.842	43	43878	18.311	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	37430	21.161	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30179m	20.326	ug/l	
77) Bromobenzene	11.195	156	29328	23.090	ug/l	92
78) n-propylbenzene	11.305	91	110840	20.666	ug/l	97
79) 2-Chlorotoluene	11.360	91	78611	22.104	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	88593	21.601	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9273	17.181	ug/l	95
82) 4-Chlorotoluene	11.451	91	87233	21.853	ug/l	96
83) tert-Butylbenzene	11.713	119	88738	21.274	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92304	22.083	ug/l	99
85) sec-Butylbenzene	11.890	105	100348	20.524	ug/l	98
86) p-Isopropyltoluene	12.006	119	88535	21.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52339	22.990	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	53593	22.719	ug/l	98
89) n-Butylbenzene	12.329	91	65827	19.438	ug/l	97
90) Hexachloroethane	12.536	117	13486	19.977	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	53907	23.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6446	17.876	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	29899	21.159	ug/l	98
94) Hexachlorobutadiene	13.725	225	10101	19.388	ug/l	93
95) Naphthalene	13.774	128	107989	19.971	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	31916	21.422	ug/l	98

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

