

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043545.D
 Acq On : 26 Oct 2024 03:16
 Operator : JC/MD
 Sample : VX1026WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

Quant Time: Oct 26 05:59:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:43:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	203043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91585	52.766	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.540%			
35) Dibromofluoromethane	5.385	113	69590	51.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.647	98	242015	51.625	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.260%			
62) 4-Bromofluorobenzene	11.079	95	86313	50.408	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23296	19.101	ug/l	99
3) Chloromethane	1.295	50	29396	18.892	ug/l	100
4) Vinyl Chloride	1.374	62	27906	19.689	ug/l	93
5) Bromomethane	1.593	94	11708	21.150	ug/l	99
6) Chloroethane	1.666	64	8157	17.589	ug/l	90
7) Trichlorofluoromethane	1.861	101	37233	20.016	ug/l	99
8) Diethyl Ether	2.136	74	17077	21.018	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	23031	19.616	ug/l	96
10) Methyl Iodide	2.441	142	34909	21.470	ug/l	99
11) Tert butyl alcohol	3.014	59	42274	114.035	ug/l #	100
12) 1,1-Dichloroethene	2.307	96	22980	19.907	ug/l	94
13) Acrolein	2.239	56	31308	107.175	ug/l	99
14) Allyl chloride	2.660	41	41040	20.035	ug/l	98
15) Acrylonitrile	3.069	53	88189	107.390	ug/l	98
16) Acetone	2.392	43	79973	107.943	ug/l	98
17) Carbon Disulfide	2.502	76	46421	19.428	ug/l	99
18) Methyl Acetate	2.709	43	45943	20.633	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	96149	21.407	ug/l	99
20) Methylene Chloride	2.782	84	30011	20.728	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	25599	20.483	ug/l	91
22) Diisopropyl ether	3.764	45	91807	21.715	ug/l	96
23) Vinyl Acetate	3.721	43	385445	110.358	ug/l	100
24) 1,1-Dichloroethane	3.605	63	49925	20.935	ug/l	98
25) 2-Butanone	4.568	43	123059	109.360	ug/l	96
26) 2,2-Dichloropropane	4.471	77	29455	17.137	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	32939	21.154	ug/l	99
28) Bromochloromethane	4.898	49	28067	23.790	ug/l	95
29) Tetrahydrofuran	5.013	42	79139	107.710	ug/l	98
30) Chloroform	5.093	83	53884	21.129	ug/l	97
31) Cyclohexane	5.464	56	40236	21.266	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	44109	20.582	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31306	19.564	ug/l	98
37) Ethyl Acetate	4.721	43	44436	20.348	ug/l	97
38) Carbon Tetrachloride	5.672	117	35303	19.416	ug/l	93
39) Methylcyclohexane	7.373	83	40844	19.904	ug/l	100
40) Benzene	6.031	78	109947	20.555	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	25022	22.779	ug/l	98
42) 1,2-Dichloroethane	6.086	62	42829	21.767	ug/l	99
43) Isopropyl Acetate	6.348	43	72718	21.050	ug/l	100
44) Trichloroethene	7.123	130	27008	21.297	ug/l	89
45) 1,2-Dichloropropane	7.428	63	26904	20.597	ug/l	96
46) Dibromomethane	7.580	93	22112	22.036	ug/l	99
47) Bromodichloromethane	7.818	83	36966	20.766	ug/l	97
48) Methyl methacrylate	7.696	41	34771	21.559	ug/l	99
49) 1,4-Dioxane	7.678	88	17795	429.451	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	239059	109.215	ug/l	98
52) Toluene	8.720	92	68293	20.709	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	37198	20.649	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	40516	20.480	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	28789	20.686	ug/l	97
56) Ethyl methacrylate	9.116	69	46877	20.843	ug/l	99
57) 1,3-Dichloropropane	9.305	76	49549	21.563	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	106701	96.447	ug/l	99
59) 2-Hexanone	9.433	43	179944	108.720	ug/l	98
60) Dibromochloromethane	9.519	129	27124	20.830	ug/l	98
61) 1,2-Dibromoethane	9.610	107	30740	21.912	ug/l	94
64) Tetrachloroethene	9.269	164	22570	20.124	ug/l	95
65) Chlorobenzene	10.079	112	77244	20.725	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24968	19.834	ug/l	98
67) Ethyl Benzene	10.195	91	124511	20.082	ug/l	99
68) m/p-Xylenes	10.299	106	94719	40.323	ug/l	100
69) o-Xylene	10.640	106	47904	19.838	ug/l	97
70) Styrene	10.653	104	80173	20.514	ug/l	98
71) Bromoform	10.799	173	16124	18.450	ug/l #	99
73) Isopropylbenzene	10.964	105	117815	20.614	ug/l	100
74) N-amyl acetate	10.842	43	60480	21.009	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	46171	21.088	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38571m	20.751	ug/l	
77) Bromobenzene	11.195	156	30907	21.183	ug/l	99
78) n-propylbenzene	11.305	91	126465	20.763	ug/l	99
79) 2-Chlorotoluene	11.366	91	84404	20.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	97621	20.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11267	20.038	ug/l	96
82) 4-Chlorotoluene	11.451	91	96022	21.230	ug/l	100
83) tert-Butylbenzene	11.713	119	97707	20.191	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	101046	20.820	ug/l	100
85) sec-Butylbenzene	11.890	105	114175	20.371	ug/l	98
86) p-Isopropyltoluene	12.006	119	93761	20.193	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52832	20.181	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	53726	20.359	ug/l	98
89) n-Butylbenzene	12.329	91	74335	19.747	ug/l	99
90) Hexachloroethane	12.536	117	14763	19.654	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	55394	20.520	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9198	19.745	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	32534	20.581	ug/l	98
94) Hexachlorobutadiene	13.725	225	10907	19.496	ug/l	97
95) Naphthalene	13.774	128	138661	21.377	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	33931	20.516	ug/l	97

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

