

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043581.D
 Acq On : 28 Oct 2024 22:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 03:33:07 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	5.544	168	212982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	378135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154656	45.540	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.080%		
35) Dibromofluoromethane	5.385	113	129325	50.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.880%		
50) Toluene-d8	8.647	98	461460	51.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.980%		
62) 4-Bromofluorobenzene	11.079	95	169836	51.637	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108588	47.674	ug/l	97
3) Chloromethane	1.294	50	128527	44.143	ug/l	99
4) Vinyl Chloride	1.374	62	132234	48.935	ug/l	99
5) Bromomethane	1.593	94	50651	45.979	ug/l	97
6) Chloroethane	1.660	64	47778	50.186	ug/l	99
7) Trichlorofluoromethane	1.861	101	176595	53.495	ug/l	99
8) Diethyl Ether	2.136	74	70468	46.202	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	113691	50.925	ug/l	97
10) Methyl Iodide	2.441	142	160624	49.799	ug/l	98
11) Tert butyl alcohol	3.008	59	152368	240.377	ug/l #	100
12) 1,1-Dichloroethene	2.307	96	115270	50.526	ug/l	94
13) Acrolein	2.239	56	118950	239.959	ug/l	99
14) Allyl chloride	2.654	41	189391	47.995	ug/l	97
15) Acrylonitrile	3.069	53	338494	236.522	ug/l	100
16) Acetone	2.392	43	284795	211.180	ug/l	98
17) Carbon Disulfide	2.502	76	247669	51.915	ug/l	99
18) Methyl Acetate	2.703	43	175425	44.508	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	396319	45.678	ug/l	99
20) Methylene Chloride	2.782	84	129833	44.670	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	121314	50.332	ug/l	93
22) Diisopropyl ether	3.764	45	381901	46.822	ug/l	94
23) Vinyl Acetate	3.721	43	1608241	238.668	ug/l	98
24) 1,1-Dichloroethane	3.605	63	221949	47.344	ug/l	98
25) 2-Butanone	4.562	43	454979	231.282	ug/l	98
26) 2,2-Dichloropropane	4.471	77	146557	38.192	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	147132	47.787	ug/l	96
28) Bromochloromethane	4.898	49	103403	46.367	ug/l	98
29) Tetrahydrofuran	5.007	42	293286	229.414	ug/l	98
30) Chloroform	5.086	83	231966	47.203	ug/l	97
31) Cyclohexane	5.464	56	182318	50.847	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	204940	49.673	ug/l	99
36) 1,1-Dichloropropene	5.690	75	150927	49.640	ug/l	98
37) Ethyl Acetate	4.715	43	173433	46.985	ug/l	99
38) Carbon Tetrachloride	5.672	117	171204	50.962	ug/l	99
39) Methylcyclohexane	7.379	83	199067	52.735	ug/l	97
40) Benzene	6.031	78	497119	49.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	96108	49.603	ug/l	97
42) 1,2-Dichloroethane	6.086	62	168727	46.271	ug/l	99
43) Isopropyl Acetate	6.342	43	288789	47.308	ug/l	99
44) Trichloroethene	7.123	130	128153	50.858	ug/l	95
45) 1,2-Dichloropropane	7.428	63	119778	47.959	ug/l	98
46) Dibromomethane	7.580	93	90206	46.908	ug/l	97
47) Bromodichloromethane	7.818	83	168958	50.084	ug/l	100
48) Methyl methacrylate	7.696	41	140673	48.605	ug/l	97
49) 1,4-Dioxane	7.665	88	68482	1151.707	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	907701	243.965	ug/l	99
52) Toluene	8.714	92	313116	50.902	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	172790	47.688	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	188447	48.813	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	122697	47.919	ug/l	98
56) Ethyl methacrylate	9.116	69	205331	49.352	ug/l	96
57) 1,3-Dichloropropane	9.305	76	207124	48.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	489706	243.029	ug/l	98
59) 2-Hexanone	9.433	43	697374	246.786	ug/l	98
60) Dibromochloromethane	9.519	129	129323	51.005	ug/l	98
61) 1,2-Dibromoethane	9.610	107	128937	48.509	ug/l	97
64) Tetrachloroethene	9.269	164	110257	52.814	ug/l	95
65) Chlorobenzene	10.079	112	347618	48.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	119307	51.149	ug/l	98
67) Ethyl Benzene	10.189	91	585010	50.239	ug/l	99
68) m/p-Xylenes	10.299	106	455246	102.232	ug/l	97
69) o-Xylene	10.640	106	225924	50.495	ug/l	99
70) Styrene	10.653	104	382154	51.389	ug/l	99
71) Bromoform	10.799	173	85192	50.796	ug/l #	98
73) Isopropylbenzene	10.963	105	573385	50.532	ug/l	99
74) N-amyl acetate	10.842	43	266680	48.245	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	194756	47.731	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	157583m	46.010	ug/l	
77) Bromobenzene	11.195	156	144492	49.316	ug/l	98
78) n-propylbenzene	11.305	91	641051	51.816	ug/l	99
79) 2-Chlorotoluene	11.360	91	399247	48.667	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	479159	50.646	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	59525	47.812	ug/l	91
82) 4-Chlorotoluene	11.451	91	452623	49.156	ug/l	97
83) tert-Butylbenzene	11.713	119	493903	51.332	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	492567	51.087	ug/l	98
85) sec-Butylbenzene	11.890	105	597297	52.961	ug/l	98
86) p-Isopropyltoluene	12.006	119	504953	52.673	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	262339	49.955	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	258229	47.455	ug/l	100
89) n-Butylbenzene	12.329	91	419377	53.687	ug/l	98
90) Hexachloroethane	12.536	117	84904	54.524	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	265430	49.428	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40766	49.009	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	163038	50.019	ug/l	99
94) Hexachlorobutadiene	13.725	225	62572	52.066	ug/l	98
95) Naphthalene	13.774	128	634959	50.906	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	168717	49.093	ug/l	100

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

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