

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043917.D
 Acq On : 20 Nov 2024 16:57
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 21 05:47:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/21/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	190227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	341382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133586	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	15105	5.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.340%#
35) Dibromofluoromethane	5.391	113	11186	4.880	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.760%#
50) Toluene-d8	8.647	98	36910	4.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.640%#
62) 4-Bromofluorobenzene	11.079	95	13547	5.353	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	10.700%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	8125	4.221	ug/l	91
3) Chloromethane	1.294	50	11007	4.575	ug/l	92
4) Vinyl Chloride	1.374	62	11260	4.659	ug/l	96
5) Bromomethane	1.593	94	5111	4.655	ug/l	97
6) Chloroethane	1.666	64	5726	4.960	ug/l	92
7) Trichlorofluoromethane	1.868	101	15119	4.388	ug/l	90
8) Diethyl Ether	2.130	74	5999	4.618	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	9715	4.764	ug/l	91
10) Methyl Iodide	2.447	142	12704	4.426	ug/l	98
11) Tert butyl alcohol	2.989	59	9897m	21.301	ug/l	
12) 1,1-Dichloroethene	2.307	96	9267	4.682	ug/l	92
13) Acrolein	2.233	56	11711	22.474	ug/l	93
14) Allyl chloride	2.654	41	14027	4.371	ug/l	98
15) Acrylonitrile	3.069	53	27618	23.091	ug/l	99
16) Acetone	2.386	43	27431	23.374	ug/l	95
17) Carbon Disulfide	2.502	76	16097	3.725	ug/l	96
18) Methyl Acetate	2.709	43	14600	4.543	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	33867	4.629	ug/l	100
20) Methylene Chloride	2.782	84	11900	4.844	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	9511	4.408	ug/l	94
22) Diisopropyl ether	3.764	45	33123	4.725	ug/l #	89
23) Vinyl Acetate	3.721	43	125213	22.035	ug/l	96
24) 1,1-Dichloroethane	3.605	63	19000	4.608	ug/l	96
25) 2-Butanone	4.574	43	38287	23.321	ug/l	97
26) 2,2-Dichloropropane	4.465	77	15535	4.585	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	11992	4.466	ug/l	96
28) Bromochloromethane	4.898	49	9981	5.753	ug/l	96
29) Tetrahydrofuran	5.019	42	25182	23.738	ug/l	99
30) Chloroform	5.086	83	20555	4.783	ug/l	91
31) Cyclohexane	5.458	56	15449	4.623	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	16865	4.590	ug/l	100
36) 1,1-Dichloropropene	5.690	75	13316	4.661	ug/l	98
37) Ethyl Acetate	4.721	43	15573m	4.797	ug/l	
38) Carbon Tetrachloride	5.672	117	13418	4.436	ug/l	86
39) Methylcyclohexane	7.379	83	15977	4.467	ug/l	92
40) Benzene	6.031	78	41509	4.621	ug/l	98

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41) Methacrylonitrile	4.934	41	7354	4.389	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	15551	4.768	ug/l	98
43) Isopropyl Acetate	6.342	43	23505	4.634	ug/l	97
44) Trichloroethene	7.123	130	11010	4.446	ug/l	94
45) 1,2-Dichloropropane	7.428	63	10020	4.552	ug/l	100
46) Dibromomethane	7.586	93	7189	4.334	ug/l	95
47) Bromodichloromethane	7.824	83	11116	3.814	ug/l	100
48) Methyl methacrylate	7.702	41	11701	4.654	ug/l #	84
49) 1,4-Dioxane	7.684	88	4716m	88.328	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	71906	22.736	ug/l	92
52) Toluene	8.720	92	22352	4.313	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	10993	3.717	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	13245	3.952	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	9461	4.679	ug/l	96
56) Ethyl methacrylate	9.122	69	13819	4.317	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	16043	4.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	35860	21.361	ug/l	100
59) 2-Hexanone	9.433	43	49760	22.300	ug/l	92
60) Dibromochloromethane	9.519	129	7891	4.005	ug/l	95
61) 1,2-Dibromoethane	9.610	107	9977	4.731	ug/l	96
64) Tetrachloroethene	9.275	164	8604	4.500	ug/l	99
65) Chlorobenzene	10.079	112	28082	4.510	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	8888	4.289	ug/l	96
67) Ethyl Benzene	10.195	91	46537	4.441	ug/l	98
68) m/p-Xylenes	10.299	106	36052	9.238	ug/l	100
69) o-Xylene	10.640	106	18538	4.868	ug/l	98
70) Styrene	10.659	104	29145	4.644	ug/l	100
71) Bromoform	10.799	173	5062	5.783	ug/l #	99
73) Isopropylbenzene	10.963	105	45614	4.784	ug/l	100
74) N-amyl acetate	10.848	43	17442	6.216	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	15815	4.905	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	13995m	5.133	ug/l	
77) Bromobenzene	11.201	156	11106	4.752	ug/l	98
78) n-propylbenzene	11.305	91	45894	4.362	ug/l	99
79) 2-Chlorotoluene	11.366	91	30838	4.606	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	35939	4.547	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	3100	7.794	ug/l #	79
82) 4-Chlorotoluene	11.457	91	35042	4.545	ug/l	98
83) tert-Butylbenzene	11.713	119	37974	4.697	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	37474	4.669	ug/l	97
85) sec-Butylbenzene	11.890	105	43954	4.552	ug/l	98
86) p-Isopropyltoluene	12.012	119	35996	4.440	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	19676	4.543	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	20422	4.599	ug/l	94
89) n-Butylbenzene	12.335	91	27885	4.037	ug/l	98
90) Hexachloroethane	12.536	117	4845	5.768	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	21002	4.631	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2452	6.365	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	10615	4.005	ug/l	95
94) Hexachlorobutadiene	13.725	225	4513	4.155	ug/l	93
95) Naphthalene	13.774	128	39168	3.964	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	10909	3.951	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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