

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041246.D
 Acq On : 26 Apr 2024 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 27 02:11:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/29/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224558	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	272231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	164469	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	110704	51.789	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.580%	
35) Dibromofluoromethane	5.379	113	95053	57.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.800%	
50) Toluene-d8	8.647	98	290491	51.994	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	11.079	95	119576	57.986	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	78878	44.410	ug/l	96
3) Chloromethane	1.294	50	72722	37.818	ug/l	99
4) Vinyl Chloride	1.380	62	76476	39.770	ug/l	99
5) Bromomethane	1.599	94	68175	62.966	ug/l	98
6) Chloroethane	1.666	64	38592	52.826	ug/l	98
7) Trichlorofluoromethane	1.867	101	140548	47.170	ug/l	100
8) Diethyl Ether	2.136	74	50047	45.642	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	79004	45.065	ug/l #	87
10) Methyl Iodide	2.447	142	68944	32.612	ug/l	93
11) Tert butyl alcohol	3.014	59	111158m	290.264	ug/l	
12) 1,1-Dichloroethene	2.312	96	72557	44.336	ug/l	87
13) Acrolein	2.239	56	92608	215.570	ug/l	98
14) Allyl chloride	2.660	41	147243	55.385	ug/l	97
15) Acrylonitrile	3.068	53	263291	269.057	ug/l	99
16) Acetone	2.386	43	228782	294.031	ug/l	97
17) Carbon Disulfide	2.508	76	158630	46.401	ug/l	98
18) Methyl Acetate	2.703	43	119315	51.838	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	308115	52.666	ug/l	100
20) Methylene Chloride	2.788	84	97362	51.235	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	89220	49.334	ug/l	89
22) Diisopropyl ether	3.757	45	272657	47.435	ug/l	97
23) Vinyl Acetate	3.721	43	1267461	257.750	ug/l	96
24) 1,1-Dichloroethane	3.605	63	148115	46.097	ug/l	97
25) 2-Butanone	4.556	43	330782	248.929	ug/l	96
26) 2,2-Dichloropropane	4.471	77	148016	54.506	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	109509	48.853	ug/l	91
28) Bromochloromethane	4.891	49	60669	49.755	ug/l #	78
29) Tetrahydrofuran	5.001	42	214500	236.947	ug/l	95
30) Chloroform	5.086	83	171129	49.620	ug/l	98
31) Cyclohexane	5.464	56	137194	47.687	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	162812	52.662	ug/l	97
36) 1,1-Dichloropropene	5.684	75	120266	56.761	ug/l	96
37) Ethyl Acetate	4.714	43	128312	55.196	ug/l	100
38) Carbon Tetrachloride	5.666	117	143331	60.566	ug/l	97
39) Methylcyclohexane	7.373	83	151777	54.006	ug/l	93
40) Benzene	6.031	78	362878	55.454	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	71290	58.907	ug/l	95
42) 1,2-Dichloroethane	6.080	62	124887	55.043	ug/l	97
43) Isopropyl Acetate	6.336	43	194354	51.900	ug/l	98
44) Trichloroethene	7.123	130	107070	56.279	ug/l	87
45) 1,2-Dichloropropane	7.427	63	91947	58.603	ug/l	99
46) Dibromomethane	7.574	93	69558	59.455	ug/l #	76
47) Bromodichloromethane	7.818	83	137600	63.807	ug/l	97
48) Methyl methacrylate	7.690	41	113919	64.317	ug/l	94
49) 1,4-Dioxane	7.671	88	44058	1155.671	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	669703	285.715	ug/l	99
52) Toluene	8.714	92	216481	52.502	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	126417	59.763	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	138335	57.528	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	98441	61.185	ug/l	97
56) Ethyl methacrylate	9.116	69	151768	61.703	ug/l	98
57) 1,3-Dichloropropane	9.305	76	161736	60.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	351466	293.595	ug/l	93
59) 2-Hexanone	9.433	43	612877	340.973	ug/l	97
60) Dibromochloromethane	9.518	129	122900	66.172	ug/l	100
61) 1,2-Dibromoethane	9.610	107	104816	60.721	ug/l	100
64) Tetrachloroethene	9.269	164	101843	46.474	ug/l	91
65) Chlorobenzene	10.079	112	290282	49.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	107065	53.154	ug/l	97
67) Ethyl Benzene	10.189	91	472436	50.342	ug/l	99
68) m/p-Xylenes	10.299	106	368558	97.286	ug/l	93
69) o-Xylene	10.640	106	185864	50.444	ug/l	93
70) Styrene	10.652	104	319116	53.236	ug/l	95
71) Bromoform	10.799	173	101982	59.220	ug/l #	100
73) Isopropylbenzene	10.963	105	489515	47.836	ug/l	97
74) N-amyl acetate	10.841	43	217705	54.131	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	134639	41.720	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	110745m	41.792	ug/l	
77) Bromobenzene	11.195	156	119028	39.970	ug/l	78
78) n-propylbenzene	11.305	91	473761	42.876	ug/l	96
79) 2-Chlorotoluene	11.360	91	289216	41.362	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	362946	42.632	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	45623	48.574	ug/l	93
82) 4-Chlorotoluene	11.451	91	340111	42.922	ug/l	92
83) tert-Butylbenzene	11.713	119	447371	49.071	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	414987	49.112	ug/l	92
85) sec-Butylbenzene	11.890	105	523026	49.680	ug/l	95
86) p-Isopropyltoluene	12.006	119	466244	50.255	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	260471	48.693	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	263983	48.097	ug/l	95
89) n-Butylbenzene	12.329	91	380857	54.067	ug/l	97
90) Hexachloroethane	12.536	117	79956	52.245	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	260424	48.606	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36811	54.362	ug/l	58
93) 1,2,4-Trichlorobenzene	13.585	180	191422	51.529	ug/l	96
94) Hexachlorobutadiene	13.725	225	94732	49.913	ug/l	99
95) Naphthalene	13.774	128	552534	51.767	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	192834	49.281	ug/l	96

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

