

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040057.D
 Acq On : 01 Feb 2024 09:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 02 01:34:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/02/2024
 Supervised By : Semsettin Yesilyurt 02/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	99285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	158283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77069	48.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.460%		
35) Dibromofluoromethane	5.379	113	59025	50.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.160%		
50) Toluene-d8	8.646	98	212212	48.631	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.260%		
62) 4-Bromofluorobenzene	11.079	95	82224	48.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53312	47.673	ug/l	99
3) Chloromethane	1.294	50	54341	51.239	ug/l	97
4) Vinyl Chloride	1.373	62	53618	54.666	ug/l	99
5) Bromomethane	1.593	94	39822	41.765	ug/l	99
6) Chloroethane	1.684	64	32298	49.879	ug/l	99
7) Trichlorofluoromethane	1.886	101	75391	48.310	ug/l	99
8) Diethyl Ether	2.129	74	26337	47.736	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	50819	43.645	ug/l	99
10) Methyl Iodide	2.446	142	67586	54.527	ug/l	94
11) Tert butyl alcohol	2.952	59	71546	246.769	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	49192	44.051	ug/l	92
13) Acrolein	2.233	56	77686	279.666	ug/l	99
14) Allyl chloride	2.660	41	95602	47.495	ug/l	98
15) Acrylonitrile	3.056	53	180633	248.713	ug/l	100
16) Acetone	2.373	43	204904	273.688	ug/l	96
17) Carbon Disulfide	2.507	76	139632	42.766	ug/l	100
18) Methyl Acetate	2.696	43	101501	57.228	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	190825	49.885	ug/l	99
20) Methylene Chloride	2.788	84	63267	47.552	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	56327	45.801	ug/l	96
22) Diisopropyl ether	3.757	45	198446	50.896	ug/l	91
23) Vinyl Acetate	3.714	43	904804	259.296	ug/l	100
24) 1,1-Dichloroethane	3.605	63	106606	47.739	ug/l	99
25) 2-Butanone	4.544	43	265168	254.789	ug/l	96
26) 2,2-Dichloropropane	4.470	77	77684	44.584	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	67473	49.170	ug/l	94
28) Bromochloromethane	4.891	49	59875	57.500	ug/l	98
29) Tetrahydrofuran	4.995	42	167563	253.218	ug/l	98
30) Chloroform	5.086	83	113354	47.272	ug/l	100
31) Cyclohexane	5.464	56	81536	40.737	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	89523	43.503	ug/l	100
36) 1,1-Dichloropropene	5.684	75	75946	45.003	ug/l	98
37) Ethyl Acetate	4.708	43	96440	52.327	ug/l	98
38) Carbon Tetrachloride	5.671	117	72848	45.115	ug/l	100
39) Methylcyclohexane	7.378	83	89160	43.424	ug/l	96
40) Benzene	6.031	78	231598	47.119	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	53852	57.617	ug/l	95
42) 1,2-Dichloroethane	6.080	62	92102	48.678	ug/l	99
43) Isopropyl Acetate	6.330	43	150057	51.630	ug/l	99
44) Trichloroethene	7.122	130	58455	45.193	ug/l	97
45) 1,2-Dichloropropane	7.427	63	64917	50.023	ug/l	99
46) Dibromomethane	7.574	93	47843	49.116	ug/l	99
47) Bromodichloromethane	7.817	83	88463	50.991	ug/l	97
48) Methyl methacrylate	7.689	41	77626	54.219	ug/l	93
49) 1,4-Dioxane	7.653	88	31117	1000.172	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	532286	268.291	ug/l	99
52) Toluene	8.714	92	147721	48.219	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91319	50.752	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	100775	52.487	ug/l	94
55) 1,1,2-Trichloroethane	9.146	97	63648	50.192	ug/l	97
56) Ethyl methacrylate	9.110	69	99988	53.996	ug/l	96
57) 1,3-Dichloropropane	9.305	76	102505	49.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	258760	277.885	ug/l	97
59) 2-Hexanone	9.427	43	420346	265.727	ug/l	100
60) Dibromochloromethane	9.518	129	65807	51.647	ug/l	99
61) 1,2-Dibromoethane	9.604	107	67061	48.916	ug/l	99
64) Tetrachloroethene	9.274	164	47413	46.036	ug/l	96
65) Chlorobenzene	10.079	112	151689	46.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	56196	50.862	ug/l	98
67) Ethyl Benzene	10.189	91	275152	46.874	ug/l	99
68) m/p-Xylenes	10.299	106	209287	94.770	ug/l	99
69) o-Xylene	10.640	106	104041	49.667	ug/l	98
70) Styrene	10.652	104	175244	49.636	ug/l	98
71) Bromoform	10.799	173	46269	51.477	ug/l #	99
73) Isopropylbenzene	10.957	105	270000	43.623	ug/l	99
74) N-amyl acetate	10.841	43	137795	46.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	104909	45.083	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86130m	46.925	ug/l	
77) Bromobenzene	11.195	156	66454	46.545	ug/l	96
78) n-propylbenzene	11.305	91	327836	43.043	ug/l	100
79) 2-Chlorotoluene	11.359	91	199398	43.487	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	242093	45.502	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	27932	48.245	ug/l	94
82) 4-Chlorotoluene	11.451	91	241875	45.960	ug/l	99
83) tert-Butylbenzene	11.713	119	228243	44.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	246474	46.425	ug/l	99
85) sec-Butylbenzene	11.890	105	293225	43.472	ug/l	99
86) p-Isopropyltoluene	12.006	119	245672	44.603	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	132381	45.962	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	135160	45.843	ug/l	99
89) n-Butylbenzene	12.329	91	235823	44.111	ug/l	97
90) Hexachloroethane	12.536	117	40219	45.080	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	128103	46.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	24675	46.779	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	85293	49.133	ug/l	97
94) Hexachlorobutadiene	13.725	225	30787	45.022	ug/l	95
95) Naphthalene	13.774	128	295423	50.104	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	82557	48.099	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

