

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040546.D
 Acq On : 29 Feb 2024 18:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 01 03:53:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65693	47.391	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.780%		
35) Dibromofluoromethane	5.385	113	45630	46.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.900%		
50) Toluene-d8	8.647	98	161026	45.161	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.320%#		
62) 4-Bromofluorobenzene	11.079	95	66225	48.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48306	46.835	ug/l	95
3) Chloromethane	1.294	50	46341	45.298	ug/l	94
4) Vinyl Chloride	1.374	62	50903	46.013	ug/l	99
5) Bromomethane	1.599	94	31962	51.989	ug/l	97
6) Chloroethane	1.679	64	31737	45.331	ug/l	99
7) Trichlorofluoromethane	1.886	101	75307	43.100	ug/l	97
8) Diethyl Ether	2.136	74	26338	43.125	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	38908	41.369	ug/l	99
10) Methyl Iodide	2.453	142	43883	45.355	ug/l	96
11) Tert butyl alcohol	2.959	59	52023	223.251	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	36193	38.330	ug/l	98
13) Acrolein	2.233	56	41182	275.654	ug/l	97
14) Allyl chloride	2.660	41	66581	40.304	ug/l	91
15) Acrylonitrile	3.062	53	121971	208.668	ug/l	98
16) Acetone	2.380	43	116563	257.850	ug/l	100
17) Carbon Disulfide	2.508	76	90634	34.662	ug/l	99
18) Methyl Acetate	2.703	43	64142	46.024	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	137062	42.555	ug/l	99
20) Methylene Chloride	2.788	84	42936	39.690	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	40373	40.092	ug/l	95
22) Diisopropyl ether	3.757	45	140076	42.196	ug/l	90
23) Vinyl Acetate	3.721	43	651393	214.208	ug/l	99
24) 1,1-Dichloroethane	3.611	63	78805	40.708	ug/l	99
25) 2-Butanone	4.556	43	183342	232.780	ug/l	99
26) 2,2-Dichloropropane	4.471	77	63511	41.206	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	48474	41.146	ug/l	99
28) Bromochloromethane	4.897	49	37297	46.058	ug/l	98
29) Tetrahydrofuran	5.001	42	127103	231.325	ug/l	98
30) Chloroform	5.093	83	96132	46.784	ug/l	100
31) Cyclohexane	5.471	56	70133	44.657	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	85464	48.731	ug/l	97
36) 1,1-Dichloropropene	5.690	75	68578	45.314	ug/l	99
37) Ethyl Acetate	4.715	43	74120	44.751	ug/l	99
38) Carbon Tetrachloride	5.678	117	73436	50.229	ug/l	99
39) Methylcyclohexane	7.379	83	75594	46.265	ug/l	97
40) Benzene	6.037	78	186033	45.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42772	46.232	ug/l	97
42) 1,2-Dichloroethane	6.086	62	86767	51.164	ug/l	97
43) Isopropyl Acetate	6.336	43	127102	48.907	ug/l	98
44) Trichloroethene	7.123	130	50710	46.019	ug/l	98
45) 1,2-Dichloropropane	7.427	63	50677	46.213	ug/l	94
46) Dibromomethane	7.580	93	39586	49.101	ug/l	99
47) Bromodichloromethane	7.818	83	78721	49.592	ug/l	97
48) Methyl methacrylate	7.690	41	66261	51.011	ug/l	92
49) 1,4-Dioxane	7.653	88	25472	1036.606	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	435552	253.481	ug/l	97
52) Toluene	8.720	92	121196	48.196	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	80371	49.891	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	83142	48.015	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	52357	50.171	ug/l	94
56) Ethyl methacrylate	9.116	69	84025	52.076	ug/l	96
57) 1,3-Dichloropropane	9.305	76	88170	48.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	205527	242.941	ug/l	97
59) 2-Hexanone	9.427	43	344942	261.105	ug/l	97
60) Dibromochloromethane	9.519	129	56957	50.250	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56110	49.274	ug/l	99
64) Tetrachloroethene	9.275	164	43723	46.849	ug/l	97
65) Chlorobenzene	10.079	112	132999	47.037	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50671	50.850	ug/l	98
67) Ethyl Benzene	10.195	91	248772	48.064	ug/l	99
68) m/p-Xylenes	10.299	106	183524	94.953	ug/l	93
69) o-Xylene	10.640	106	90233	48.812	ug/l	94
70) Styrene	10.653	104	153032	49.659	ug/l	97
71) Bromoform	10.799	173	42129	51.649	ug/l #	98
73) Isopropylbenzene	10.963	105	246135	46.761	ug/l	99
74) N-amyl acetate	10.842	43	117311	47.986	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	88219	46.344	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	74976m	47.664	ug/l	
77) Bromobenzene	11.195	156	58208	46.768	ug/l	98
78) n-propylbenzene	11.305	91	300099	45.964	ug/l	97
79) 2-Chlorotoluene	11.366	91	177546	45.173	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	213505	47.694	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	23185	44.903	ug/l	95
82) 4-Chlorotoluene	11.451	91	211242	46.477	ug/l	99
83) tert-Butylbenzene	11.713	119	202180	47.906	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	212419	47.826	ug/l	98
85) sec-Butylbenzene	11.890	105	261068	47.086	ug/l	100
86) p-Isopropyltoluene	12.006	119	216597	47.394	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112933	45.522	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	113502	44.943	ug/l	100
89) n-Butylbenzene	12.335	91	209247	46.538	ug/l	96
90) Hexachloroethane	12.536	117	37155	48.848	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	108622	45.946	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23181	52.235	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	73896	47.895	ug/l	98
94) Hexachlorobutadiene	13.725	225	28700	45.515	ug/l	98
95) Naphthalene	13.774	128	240065	48.690	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72162	49.203	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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