

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039943.D
 Acq On : 25 Jan 2024 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 26 01:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2024
 Supervised By : Semsettin Yesilyurt 01/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67002	45.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.740%		
35) Dibromofluoromethane	5.379	113	49265	48.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	8.647	98	181915	47.556	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.120%		
62) 4-Bromofluorobenzene	11.079	95	78157	52.249	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	58753	52.080	ug/l	99
3) Chloromethane	1.294	50	57602	44.709	ug/l	100
4) Vinyl Chloride	1.374	62	56696	46.629	ug/l	99
5) Bromomethane	1.599	94	36131	52.080	ug/l	97
6) Chloroethane	1.679	64	34565	50.007	ug/l	99
7) Trichlorofluoromethane	1.886	101	89782	51.188	ug/l	98
8) Diethyl Ether	2.130	74	29935	46.183	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	55078	50.651	ug/l	98
10) Methyl Iodide	2.447	142	59935	52.247	ug/l	97
11) Tert butyl alcohol	2.959	59	87811	230.954	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	50861	48.465	ug/l	93
13) Acrolein	2.233	56	49754	210.332	ug/l	99
14) Allyl chloride	2.660	41	94458	45.732	ug/l	97
15) Acrylonitrile	3.056	53	175288	223.189	ug/l	99
16) Acetone	2.373	43	196449	239.153	ug/l	94
17) Carbon Disulfide	2.508	76	144966	48.061	ug/l	100
18) Methyl Acetate	2.697	43	90969	52.934	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	174624	46.870	ug/l	99
20) Methylene Chloride	2.788	84	57644	46.393	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	54311	49.178	ug/l	98
22) Diisopropyl ether	3.751	45	185070	46.952	ug/l	93
23) Vinyl Acetate	3.715	43	868793	237.117	ug/l	100
24) 1,1-Dichloroethane	3.605	63	103439	47.701	ug/l	99
25) 2-Butanone	4.544	43	269801	228.556	ug/l	99
26) 2,2-Dichloropropane	4.471	77	83534	47.997	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	61890	48.861	ug/l	99
28) Bromochloromethane	4.891	49	50192	51.063	ug/l	96
29) Tetrahydrofuran	4.995	42	168139	221.295	ug/l	99
30) Chloroform	5.086	83	109300	51.059	ug/l	100
31) Cyclohexane	5.464	56	90101	46.741	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	94408	51.514	ug/l	99
36) 1,1-Dichloropropene	5.684	75	78618	49.799	ug/l	99
37) Ethyl Acetate	4.702	43	94742	44.984	ug/l	99
38) Carbon Tetrachloride	5.672	117	77647	53.700	ug/l	98
39) Methylcyclohexane	7.379	83	97245	51.297	ug/l	97
40) Benzene	6.031	78	222847	49.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	52936	51.398	ug/l	97
42) 1,2-Dichloroethane	6.080	62	92105	54.194	ug/l	98
43) Isopropyl Acetate	6.330	43	155033	50.179	ug/l	98
44) Trichloroethene	7.123	130	56757	51.805	ug/l	96
45) 1,2-Dichloropropane	7.427	63	60780	50.684	ug/l	99
46) Dibromomethane	7.580	93	44253	53.427	ug/l	96
47) Bromodichloromethane	7.818	83	84939	55.369	ug/l	97
48) Methyl methacrylate	7.690	41	77049	50.736	ug/l	95
49) 1,4-Dioxane	7.653	88	24825	844.818	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	529385	248.791	ug/l	98
52) Toluene	8.714	92	142606	53.408	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91696	56.331	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	95950	53.607	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	59016	51.914	ug/l	93
56) Ethyl methacrylate	9.110	69	96820	52.622	ug/l	95
57) 1,3-Dichloropropane	9.305	76	99840	51.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212039	243.814	ug/l	96
59) 2-Hexanone	9.427	43	438108	260.150	ug/l	97
60) Dibromochloromethane	9.519	129	62482	58.281	ug/l	99
61) 1,2-Dibromoethane	9.604	107	63503	53.942	ug/l	99
64) Tetrachloroethene	9.269	164	46757	50.277	ug/l	97
65) Chlorobenzene	10.079	112	151329	50.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55631	54.851	ug/l	99
67) Ethyl Benzene	10.189	91	287123	51.922	ug/l	96
68) m/p-Xylenes	10.299	106	215579	106.002	ug/l	96
69) o-Xylene	10.640	106	102516	50.901	ug/l	91
70) Styrene	10.653	104	177256	53.877	ug/l	98
71) Bromoform	10.799	173	43959	57.722	ug/l #	100
73) Isopropylbenzene	10.957	105	283498	48.432	ug/l	99
74) N-amyl acetate	10.842	43	146934	48.156	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	102508	45.860	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88884m	46.631	ug/l	
77) Bromobenzene	11.195	156	61908	47.500	ug/l	94
78) n-propylbenzene	11.305	91	355928	50.238	ug/l	97
79) 2-Chlorotoluene	11.360	91	207959	47.493	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	245753	49.432	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	28455	45.071	ug/l	98
82) 4-Chlorotoluene	11.451	91	245959	49.521	ug/l	98
83) tert-Butylbenzene	11.713	119	232027	48.885	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	247293	49.858	ug/l	100
85) sec-Butylbenzene	11.890	105	316198	51.320	ug/l	98
86) p-Isopropyltoluene	12.006	119	257781	52.349	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	125104	50.075	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	127136	49.271	ug/l	98
89) n-Butylbenzene	12.329	91	259393	54.539	ug/l	96
90) Hexachloroethane	12.536	117	43718	52.626	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	120296	48.705	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26414	48.225	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	77081	51.068	ug/l	99
94) Hexachlorobutadiene	13.725	225	34670	55.256	ug/l	99
95) Naphthalene	13.774	128	270577	48.695	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76310	50.094	ug/l	99

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

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