

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039787.D
 Acq On : 17 Jan 2024 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 18 02:36:20 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 01/18/2024
 Supervised By : Semsettin Yesilyurt 01/18/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	99072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	172162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80491	48.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.000%		
35) Dibromofluoromethane	5.379	113	61608	53.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.260%		
50) Toluene-d8	8.647	98	225309	51.518	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.040%		
62) 4-Bromofluorobenzene	11.079	95	91224	53.340	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58097	45.324	ug/l	98
3) Chloromethane	1.294	50	66055	45.123	ug/l	97
4) Vinyl Chloride	1.374	62	65090	47.114	ug/l	95
5) Bromomethane	1.599	94	42240	53.585	ug/l	98
6) Chloroethane	1.684	64	39975	50.900	ug/l	97
7) Trichlorofluoromethane	1.886	101	102318	51.340	ug/l	100
8) Diethyl Ether	2.130	74	37080	50.347	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	63046	51.027	ug/l	97
10) Methyl Iodide	2.453	142	71183	54.612	ug/l	94
11) Tert butyl alcohol	2.953	59	85166	197.139	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	60621	50.839	ug/l	94
13) Acrolein	2.233	56	55571	206.478	ug/l	99
14) Allyl chloride	2.660	41	114337	48.719	ug/l	98
15) Acrylonitrile	3.056	53	204670	229.353	ug/l	99
16) Acetone	2.367	43	265886	284.873	ug/l	95
17) Carbon Disulfide	2.514	76	171299	49.982	ug/l	98
18) Methyl Acetate	2.696	43	94144	48.213	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	206547	48.791	ug/l	100
20) Methylene Chloride	2.788	84	70637	50.034	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	64496	51.398	ug/l	96
22) Diisopropyl ether	3.751	45	219971	49.115	ug/l	100
23) Vinyl Acetate	3.715	43	1039143	249.604	ug/l	99
24) 1,1-Dichloroethane	3.605	63	121774	49.423	ug/l	99
25) 2-Butanone	4.538	43	324088	241.625	ug/l	100
26) 2,2-Dichloropropane	4.471	77	99477	50.305	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	74142	51.516	ug/l	98
28) Bromochloromethane	4.891	49	57698	51.661	ug/l	98
29) Tetrahydrofuran	4.989	42	192555	223.043	ug/l	99
30) Chloroform	5.080	83	124907	51.353	ug/l	100
31) Cyclohexane	5.458	56	107587	49.120	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	108251	51.985	ug/l	99
36) 1,1-Dichloropropene	5.684	75	93770	51.952	ug/l	99
37) Ethyl Acetate	4.702	43	112608	46.765	ug/l	99
38) Carbon Tetrachloride	5.672	117	91046	55.075	ug/l	97
39) Methylcyclohexane	7.372	83	112779	52.034	ug/l	97
40) Benzene	6.031	78	266736	52.189	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	59395	50.441	ug/l	96
42) 1,2-Dichloroethane	6.080	62	103779	53.409	ug/l	100
43) Isopropyl Acetate	6.330	43	178813	50.622	ug/l	99
44) Trichloroethene	7.116	130	68279	54.511	ug/l	100
45) 1,2-Dichloropropane	7.421	63	72414	52.816	ug/l	99
46) Dibromomethane	7.574	93	51083	53.943	ug/l	98
47) Bromodichloromethane	7.818	83	97701	55.706	ug/l	99
48) Methyl methacrylate	7.683	41	87396	50.336	ug/l	94
49) 1,4-Dioxane	7.653	88	29944	891.297	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	596996	245.399	ug/l	99
52) Toluene	8.714	92	166855	54.657	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	106250	57.091	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	112999	55.219	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	68113	52.406	ug/l	93
56) Ethyl methacrylate	9.110	69	112746	53.598	ug/l	97
57) 1,3-Dichloropropane	9.305	76	116994	53.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	259453	260.940	ug/l	96
59) 2-Hexanone	9.427	43	512162	266.004	ug/l	99
60) Dibromochloromethane	9.518	129	71714	58.508	ug/l	99
61) 1,2-Dibromoethane	9.604	107	74054	55.020	ug/l	100
64) Tetrachloroethene	9.268	164	55669	54.186	ug/l	96
65) Chlorobenzene	10.073	112	176939	53.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	64700	57.747	ug/l	98
67) Ethyl Benzene	10.189	91	331081	54.197	ug/l	98
68) m/p-Xylenes	10.299	106	246145	109.561	ug/l	96
69) o-Xylene	10.640	106	119009	53.489	ug/l	94
70) Styrene	10.652	104	200995	55.303	ug/l	99
71) Bromoform	10.799	173	49282	58.578	ug/l #	99
73) Isopropylbenzene	10.957	105	320052	50.842	ug/l	99
74) N-amyl acetate	10.841	43	166440	50.723	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	116699	48.548	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	100279m	48.919	ug/l	
77) Bromobenzene	11.195	156	71994	51.365	ug/l	97
78) n-propylbenzene	11.305	91	399196	52.394	ug/l	97
79) 2-Chlorotoluene	11.360	91	232561	49.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	277161	51.840	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	34279	49.938	ug/l	98
82) 4-Chlorotoluene	11.451	91	276306	51.729	ug/l	98
83) tert-Butylbenzene	11.713	119	265514	52.018	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	279496	52.399	ug/l	100
85) sec-Butylbenzene	11.890	105	352972	53.271	ug/l	99
86) p-Isopropyltoluene	12.006	119	287255	54.243	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	141506	52.668	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	143240	51.619	ug/l	99
89) n-Butylbenzene	12.329	91	284891	55.699	ug/l	96
90) Hexachloroethane	12.536	117	51093	57.190	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	138463	52.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28194	47.865	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	87974	54.197	ug/l	98
94) Hexachlorobutadiene	13.725	225	38985	57.776	ug/l	98
95) Naphthalene	13.774	128	301113	50.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84886	51.816	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

