

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039616.D
 Acq On : 04 Jan 2024 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2024
 Supervised By : Mahesh Dadoda 01/05/2024

Quant Time: Jan 05 00:31:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96636	45.593	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.379	113	72101	50.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.100%		
50) Toluene-d8	8.647	98	268066	50.626	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.260%		
62) 4-Bromofluorobenzene	11.079	95	107757	49.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	78785	48.459	ug/l	99
3) Chloromethane	1.294	50	90141	50.011	ug/l	97
4) Vinyl Chloride	1.374	62	86476	51.588	ug/l	99
5) Bromomethane	1.599	94	47772	49.535	ug/l	98
6) Chloroethane	1.685	64	51004	50.491	ug/l	99
7) Trichlorofluoromethane	1.886	101	125483	51.122	ug/l	99
8) Diethyl Ether	2.130	74	46283	54.481	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	76715	51.216	ug/l	97
10) Methyl Iodide	2.453	142	81059	52.356	ug/l	93
11) Tert butyl alcohol	2.953	59	117569	220.888	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	74654	50.175	ug/l	97
13) Acrolein	2.233	56	120962	284.875	ug/l	100
14) Allyl chloride	2.660	41	151356	50.216	ug/l	96
15) Acrylonitrile	3.056	53	275659	258.743	ug/l	98
16) Acetone	2.374	43	361440	299.144	ug/l	92
17) Carbon Disulfide	2.508	76	193856	44.523	ug/l	99
18) Methyl Acetate	2.697	43	250967	54.743	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	274942	51.095	ug/l	95
20) Methylene Chloride	2.788	84	86531	48.973	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	80009	49.419	ug/l	99
22) Diisopropyl ether	3.751	45	291255	53.085	ug/l	95
23) Vinyl Acetate	3.715	43	1058007	259.023	ug/l	100
24) 1,1-Dichloroethane	3.605	63	157347	50.733	ug/l	99
25) 2-Butanone	4.544	43	427981	233.995	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131163	48.441	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	92503	51.765	ug/l	100
28) Bromochloromethane	4.891	49	74161	49.006	ug/l	94
29) Tetrahydrofuran	4.989	42	257312	254.747	ug/l	99
30) Chloroform	5.086	83	156451	50.478	ug/l	97
31) Cyclohexane	5.458	56	137557	50.247	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	134130	49.851	ug/l	99
36) 1,1-Dichloropropene	5.684	75	114994	51.093	ug/l	100
37) Ethyl Acetate	4.702	43	144049	51.805	ug/l	99
38) Carbon Tetrachloride	5.672	117	109167	50.826	ug/l	97
39) Methylcyclohexane	7.373	83	140806	52.083	ug/l	98
40) Benzene	6.031	78	332895	52.287	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	79438	53.544	ug/l	97
42) 1,2-Dichloroethane	6.080	62	129423	50.219	ug/l	99
43) Isopropyl Acetate	6.330	43	236631	52.332	ug/l	100
44) Trichloroethene	7.117	130	80957	50.390	ug/l	92
45) 1,2-Dichloropropane	7.421	63	92840	54.334	ug/l	100
46) Dibromomethane	7.574	93	61549	51.243	ug/l	97
47) Bromodichloromethane	7.818	83	120793	52.597	ug/l	98
48) Methyl methacrylate	7.684	41	139948	52.941	ug/l	96
49) 1,4-Dioxane	7.653	88	37408	1049.828	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	768611	266.789	ug/l	98
52) Toluene	8.714	92	204844	53.308	ug/l	94
53) t-1,3-Dichloropropene	8.970	75	134272	53.105	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	143979	52.923	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	86084	53.660	ug/l	93
56) Ethyl methacrylate	9.110	69	109315	55.818	ug/l	98
57) 1,3-Dichloropropane	9.305	76	146192	52.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	347443	302.137	ug/l	93
59) 2-Hexanone	9.427	43	640926	257.773	ug/l	99
60) Dibromochloromethane	9.519	129	85333	52.596	ug/l	98
61) 1,2-Dibromoethane	9.604	107	90995	53.134	ug/l	99
64) Tetrachloroethene	9.269	164	62796	50.312	ug/l	95
65) Chlorobenzene	10.073	112	214165	51.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	77938	52.925	ug/l	98
67) Ethyl Benzene	10.189	91	407760	52.544	ug/l	97
68) m/p-Xylenes	10.299	106	293797	105.589	ug/l	94
69) o-Xylene	10.640	106	142342	52.910	ug/l	94
70) Styrene	10.653	104	213568	54.302	ug/l	97
71) Bromoform	10.799	173	58707	53.633	ug/l #	100
73) Isopropylbenzene	10.957	105	390085	53.170	ug/l	100
74) N-amyl acetate	10.842	43	203779	54.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	145374	53.266	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	129486m	52.634	ug/l	
77) Bromobenzene	11.195	156	84825	52.285	ug/l	91
78) n-propylbenzene	11.299	91	482497	53.378	ug/l	97
79) 2-Chlorotoluene	11.360	91	282153	51.604	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	334942	53.591	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	44895	51.481	ug/l	95
82) 4-Chlorotoluene	11.451	91	332786	51.820	ug/l	97
83) tert-Butylbenzene	11.713	119	319882	53.779	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	341792	53.328	ug/l	99
85) sec-Butylbenzene	11.890	105	411707	54.395	ug/l	98
86) p-Isopropyltoluene	12.006	119	345303	54.361	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	163764	51.381	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	165782	49.955	ug/l	98
89) n-Butylbenzene	12.329	91	352247	56.411	ug/l	96
90) Hexachloroethane	12.536	117	63692	55.509	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	158331	51.918	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36709	51.066	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	105811	52.987	ug/l	99
94) Hexachlorobutadiene	13.725	225	43221	57.433	ug/l	99
95) Naphthalene	13.774	128	375038	53.929	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102769	53.310	ug/l	99

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

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