

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039748.D
 Acq On : 15 Jan 2024 11:41
 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 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 01:36:39 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	102408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	179897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81062	47.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.500%		
35) Dibromofluoromethane	5.379	113	61124	50.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.900%		
50) Toluene-d8	8.647	98	222691	48.730	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.079	95	89348	49.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	61976	46.775	ug/l	100
3) Chloromethane	1.295	50	66338	43.840	ug/l	97
4) Vinyl Chloride	1.374	62	64405	45.100	ug/l	99
5) Bromomethane	1.599	94	34380	42.193	ug/l	100
6) Chloroethane	1.673	64	38341	47.229	ug/l	97
7) Trichlorofluoromethane	1.880	101	97395	47.278	ug/l	99
8) Diethyl Ether	2.130	74	38660	50.782	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	61344	48.032	ug/l	100
10) Methyl Iodide	2.447	142	76239	56.585	ug/l	92
11) Tert butyl alcohol	2.977	59	116942	261.875	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	58055	47.101	ug/l	94
13) Acrolein	2.233	56	73071	267.081	ug/l	100
14) Allyl chloride	2.660	41	115079	47.438	ug/l	97
15) Acrylonitrile	3.056	53	224181	243.034	ug/l	99
16) Acetone	2.374	43	238481	247.188	ug/l	93
17) Carbon Disulfide	2.508	76	152764	43.122	ug/l	100
18) Methyl Acetate	2.697	43	99280	49.187	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	222169	50.772	ug/l	98
20) Methylene Chloride	2.788	84	70739	48.474	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	60715	46.809	ug/l	95
22) Diisopropyl ether	3.751	45	232918	50.312	ug/l	99
23) Vinyl Acetate	3.715	43	1090633	253.438	ug/l	100
24) 1,1-Dichloroethane	3.605	63	125265	49.184	ug/l	100
25) 2-Butanone	4.544	43	331281	238.942	ug/l	100
26) 2,2-Dichloropropane	4.465	77	101963	49.882	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	74262	49.918	ug/l	97
28) Bromochloromethane	4.891	49	58718	50.862	ug/l	98
29) Tetrahydrofuran	4.989	42	212072	237.648	ug/l	99
30) Chloroform	5.087	83	127575	50.742	ug/l	99
31) Cyclohexane	5.465	56	105407	46.557	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	106570	49.511	ug/l	99
36) 1,1-Dichloropropene	5.684	75	89386	47.393	ug/l	99
37) Ethyl Acetate	4.703	43	121450	48.269	ug/l	99
38) Carbon Tetrachloride	5.672	117	84083	48.676	ug/l	98
39) Methylcyclohexane	7.373	83	108053	47.710	ug/l	99
40) Benzene	6.032	78	266791	49.955	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	64330	52.283	ug/l	95
42) 1,2-Dichloroethane	6.074	62	103548	50.999	ug/l	99
43) Isopropyl Acetate	6.330	43	190425	51.591	ug/l	99
44) Trichloroethene	7.117	130	66561	50.854	ug/l	96
45) 1,2-Dichloropropane	7.422	63	73687	51.434	ug/l	96
46) Dibromomethane	7.574	93	51441	51.985	ug/l	98
47) Bromodichloromethane	7.818	83	95858	52.305	ug/l	98
48) Methyl methacrylate	7.690	41	91653	50.518	ug/l	93
49) 1,4-Dioxane	7.659	88	36447	1038.216	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	644471	253.524	ug/l	99
52) Toluene	8.714	92	163989	51.409	ug/l	96
53) t-1,3-Dichloropropene	8.970	75	104962	53.974	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	113927	53.278	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	71066	52.327	ug/l	95
56) Ethyl methacrylate	9.110	69	118078	53.719	ug/l	98
57) 1,3-Dichloropropane	9.305	76	119851	52.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278706	268.251	ug/l	97
59) 2-Hexanone	9.427	43	536120	266.475	ug/l	99
60) Dibromochloromethane	9.519	129	71610	55.911	ug/l	99
61) 1,2-Dibromoethane	9.604	107	76298	54.250	ug/l	98
64) Tetrachloroethene	9.269	164	51414	49.187	ug/l	95
65) Chlorobenzene	10.073	112	171381	51.193	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	63785	55.955	ug/l	99
67) Ethyl Benzene	10.189	91	318920	51.312	ug/l	98
68) m/p-Xylenes	10.299	106	238910	104.519	ug/l	98
69) o-Xylene	10.640	106	117064	51.714	ug/l	95
70) Styrene	10.653	104	195014	52.738	ug/l	98
71) Bromoform	10.799	173	49690	58.052	ug/l #	99
73) Isopropylbenzene	10.957	105	310841	49.993	ug/l	99
74) N-amyl acetate	10.842	43	175350	54.104	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	123453	51.997	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106008m	52.358	ug/l	
77) Bromobenzene	11.195	156	72187	52.144	ug/l	96
78) n-propylbenzene	11.299	91	376424	50.020	ug/l	98
79) 2-Chlorotoluene	11.360	91	225929	48.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	270317	51.189	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	36696	53.690	ug/l	95
82) 4-Chlorotoluene	11.451	91	263687	49.981	ug/l	99
83) tert-Butylbenzene	11.713	119	261007	51.771	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	274435	52.091	ug/l	100
85) sec-Butylbenzene	11.890	105	333067	50.893	ug/l	99
86) p-Isopropyltoluene	12.006	119	270731	51.759	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	136086	51.281	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	136521	49.810	ug/l	100
89) n-Butylbenzene	12.329	91	247212	48.934	ug/l	97
90) Hexachloroethane	12.536	117	46877	53.124	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	133162	50.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29676	51.008	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	77659	48.438	ug/l	98
94) Hexachlorobutadiene	13.725	225	32641	48.976	ug/l	96
95) Naphthalene	13.774	128	301540	51.090	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80221	49.577	ug/l	99

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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

