

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039968.D
 Acq On : 25 Jan 2024 20:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050ECEC

Quant Time: Jan 26 01:42:05 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	5.550	168	84693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63975	45.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.180%			
35) Dibromofluoromethane	5.385	113	53614	54.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.300%			
50) Toluene-d8	8.647	98	193114	51.715	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.440%			
62) 4-Bromofluorobenzene	11.079	95	76998	52.730	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58158	53.074	ug/l	95
3) Chloromethane	1.294	50	57421	45.884	ug/l	100
4) Vinyl Chloride	1.374	62	55534	47.022	ug/l	100
5) Bromomethane	1.593	94	32848	48.745	ug/l	96
6) Chloroethane	1.685	64	29249	43.565	ug/l	100
7) Trichlorofluoromethane	1.886	101	62359	36.602	ug/l	98
8) Diethyl Ether	2.136	74	25871	41.091	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	52642	49.840	ug/l	97
10) Methyl Iodide	2.453	142	60760	54.529	ug/l	94
11) Tert butyl alcohol	2.959	59	83431	225.911	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	51358	50.383	ug/l	92
13) Acrolein	2.239	56	70037	312.122	ug/l	99
14) Allyl chloride	2.660	41	96035	47.868	ug/l	99
15) Acrylonitrile	3.062	53	189945	248.990	ug/l	99
16) Acetone	2.380	43	171473	214.909	ug/l	93
17) Carbon Disulfide	2.514	76	137517	46.937	ug/l	99
18) Methyl Acetate	2.703	43	96022	57.523	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	182601	50.458	ug/l	98
20) Methylene Chloride	2.788	84	59239	49.085	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	54282	50.603	ug/l	98
22) Diisopropyl ether	3.757	45	187804	49.052	ug/l	98
23) Vinyl Acetate	3.721	43	885774	248.887	ug/l	100
24) 1,1-Dichloroethane	3.611	63	106250	50.444	ug/l	99
25) 2-Butanone	4.556	43	273110	238.188	ug/l	100
26) 2,2-Dichloropropane	4.477	77	72901	43.124	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	63060	51.254	ug/l	96
28) Bromochloromethane	4.897	49	46941	49.165	ug/l	96
29) Tetrahydrofuran	5.001	42	181942	246.530	ug/l	100
30) Chloroform	5.093	83	106862	51.393	ug/l	99
31) Cyclohexane	5.471	56	91459	48.846	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	90582	50.885	ug/l	99
36) 1,1-Dichloropropene	5.690	75	78557	50.974	ug/l	99
37) Ethyl Acetate	4.708	43	102115	49.668	ug/l	99
38) Carbon Tetrachloride	5.678	117	73962	52.400	ug/l	93
39) Methylcyclohexane	7.379	83	85566	46.237	ug/l	97
40) Benzene	6.038	78	214560	49.167	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52810	52.527	ug/l	93
42) 1,2-Dichloroethane	6.086	62	79383	47.848	ug/l	99
43) Isopropyl Acetate	6.342	43	145962	48.396	ug/l	99
44) Trichloroethene	7.123	130	53408	49.938	ug/l	94
45) 1,2-Dichloropropane	7.428	63	55720	47.598	ug/l	96
46) Dibromomethane	7.580	93	41365	51.159	ug/l	98
47) Bromodichloromethane	7.824	83	75938	50.710	ug/l	98
48) Methyl methacrylate	7.690	41	72307	48.775	ug/l	93
49) 1,4-Dioxane	7.659	88	28877	1006.684	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	547077	263.378	ug/l	99
52) Toluene	8.720	92	140344	53.843	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	87525	55.081	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	92877	53.156	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58611	52.815	ug/l	95
56) Ethyl methacrylate	9.116	69	98404	54.788	ug/l	95
57) 1,3-Dichloropropane	9.305	76	99760	53.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	212884	250.757	ug/l	97
59) 2-Hexanone	9.427	43	441538	268.583	ug/l	98
60) Dibromochloromethane	9.519	129	59205	56.572	ug/l	97
61) 1,2-Dibromoethane	9.610	107	63737	55.462	ug/l	99
64) Tetrachloroethene	9.275	164	45371	48.083	ug/l	96
65) Chlorobenzene	10.079	112	149146	49.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53791	52.272	ug/l	99
67) Ethyl Benzene	10.195	91	281983	50.257	ug/l	99
68) m/p-Xylenes	10.299	106	209092	101.330	ug/l	95
69) o-Xylene	10.640	106	101215	49.530	ug/l	92
70) Styrene	10.653	104	168815	50.571	ug/l	97
71) Bromoform	10.799	173	41393	53.568	ug/l #	98
73) Isopropylbenzene	10.963	105	260140	45.891	ug/l	99
74) N-amyl acetate	10.842	43	149971	50.754	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	95797	44.256	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78790m	42.683	ug/l	
77) Bromobenzene	11.195	156	57811	45.803	ug/l	98
78) n-propylbenzene	11.305	91	311873	45.456	ug/l	99
79) 2-Chlorotoluene	11.360	91	180888	42.657	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	226060	46.954	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25840	42.520	ug/l	95
82) 4-Chlorotoluene	11.451	91	218165	45.357	ug/l	99
83) tert-Butylbenzene	11.713	119	211036	45.913	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	230552	47.999	ug/l	100
85) sec-Butylbenzene	11.890	105	279585	46.858	ug/l	99
86) p-Isopropyltoluene	12.006	119	232625	48.781	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119689	49.470	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	117374	46.972	ug/l	99
89) n-Butylbenzene	12.329	91	219286	47.610	ug/l	97
90) Hexachloroethane	12.536	117	37790	46.973	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	114053	47.683	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23987	45.222	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	76607	52.409	ug/l	99
94) Hexachlorobutadiene	13.725	225	26219	43.150	ug/l	99
95) Naphthalene	13.774	128	279147	51.876	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	74910	50.778	ug/l	98

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

