

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043216.D
 Acq On : 02 Oct 2024 08:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 22:55:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	135273	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	231515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	195384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99045	44.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.660%
35) Dibromofluoromethane	5.379	113	73264	45.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	251132	45.388	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.780%
62) 4-Bromofluorobenzene	11.079	95	91420	45.480	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71913	45.703	ug/l	97
3) Chloromethane	1.294	50	69719	43.022	ug/l	99
4) Vinyl Chloride	1.374	62	72618	44.737	ug/l	97
5) Bromomethane	1.599	94	27327	41.207	ug/l	99
6) Chloroethane	1.666	64	24702	40.865	ug/l	96
7) Trichlorofluoromethane	1.868	101	115371	47.570	ug/l	97
8) Diethyl Ether	2.136	74	40478	42.888	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	68021	44.943	ug/l	99
10) Methyl Iodide	2.441	142	85230	44.835	ug/l	98
11) Tert butyl alcohol	2.995	59	97358	231.583	ug/l	99
12) 1,1-Dichloroethene	2.306	96	64822	43.130	ug/l	95
13) Acrolein	2.239	56	87725	220.932	ug/l	99
14) Allyl chloride	2.654	41	110487	44.746	ug/l	99
15) Acrylonitrile	3.069	53	185686	216.307	ug/l	100
16) Acetone	2.386	43	225624	244.556	ug/l	100
17) Carbon Disulfide	2.502	76	158074	43.241	ug/l	98
18) Methyl Acetate	2.703	43	106900	46.189	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	240778	44.779	ug/l	100
20) Methylene Chloride	2.782	84	71867	42.249	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	65981	44.111	ug/l	98
22) Diisopropyl ether	3.757	45	220951	44.489	ug/l	98
23) Vinyl Acetate	3.715	43	1347581	235.796	ug/l	100
24) 1,1-Dichloroethane	3.605	63	128935	44.563	ug/l	100
25) 2-Butanone	4.556	43	286501	226.484	ug/l	99
26) 2,2-Dichloropropane	4.465	77	126181	45.837	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	82840	44.407	ug/l	99
28) Bromochloromethane	4.891	49	46844	41.039	ug/l	99
29) Tetrahydrofuran	5.001	42	173067	214.762	ug/l	100
30) Chloroform	5.086	83	138568	43.611	ug/l	97
31) Cyclohexane	5.458	56	100684	42.236	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	129161	44.257	ug/l	100
36) 1,1-Dichloropropene	5.684	75	87524	43.392	ug/l	99
37) Ethyl Acetate	4.715	43	108040	44.604	ug/l	99
38) Carbon Tetrachloride	5.666	117	109045	45.667	ug/l	100
39) Methylcyclohexane	7.373	83	115121	45.380	ug/l	97
40) Benzene	6.031	78	269906	44.135	ug/l	99

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41) Methacrylonitrile	4.916	41	56456	44.775	ug/l	97
42) 1,2-Dichloroethane	6.080	62	111336	44.677	ug/l	100
43) Isopropyl Acetate	6.336	43	180434	45.099	ug/l	100
44) Trichloroethene	7.117	130	71634	44.163	ug/l	99
45) 1,2-Dichloropropane	7.421	63	66388	44.236	ug/l	97
46) Dibromomethane	7.574	93	54050	44.944	ug/l	99
47) Bromodichloromethane	7.818	83	110169	46.596	ug/l	99
48) Methyl methacrylate	7.690	41	86460	44.044	ug/l	99
49) 1,4-Dioxane	7.665	88	35874	940.111	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	539803	222.150	ug/l	100
52) Toluene	8.714	92	171466	44.737	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111599	47.500	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	116413	46.198	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	67984	44.632	ug/l	96
56) Ethyl methacrylate	9.116	69	115783	46.493	ug/l	99
57) 1,3-Dichloropropane	9.305	76	115086	44.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	271742	242.084	ug/l	99
59) 2-Hexanone	9.427	43	422098	229.709	ug/l	100
60) Dibromochloromethane	9.519	129	82949	46.941	ug/l	99
61) 1,2-Dibromoethane	9.604	107	72466	44.280	ug/l	100
64) Tetrachloroethene	9.269	164	62112	45.814	ug/l	96
65) Chlorobenzene	10.079	112	187493	44.635	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	68929	46.407	ug/l	99
67) Ethyl Benzene	10.189	91	327992	45.175	ug/l	100
68) m/p-Xylenes	10.299	106	245188	89.360	ug/l	100
69) o-Xylene	10.640	106	120978	44.371	ug/l	99
70) Styrene	10.653	104	204728	46.333	ug/l	99
71) Bromoform	10.799	173	55702	48.955	ug/l #	99
73) Isopropylbenzene	10.957	105	318517	45.647	ug/l	100
74) N-amyl acetate	10.842	43	150497	45.433	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	102687	45.173	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	88417m	44.413	ug/l	
77) Bromobenzene	11.195	156	75058	44.201	ug/l	98
78) n-propylbenzene	11.305	91	358727	46.830	ug/l	99
79) 2-Chlorotoluene	11.360	91	217932	44.252	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	265066	46.050	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36382	47.363	ug/l	99
82) 4-Chlorotoluene	11.451	91	256097	45.649	ug/l	99
83) tert-Butylbenzene	11.713	119	269772	45.492	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	265128	45.778	ug/l	97
85) sec-Butylbenzene	11.890	105	326983	46.513	ug/l	100
86) p-Isopropyltoluene	12.006	119	279097	47.586	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	138015	46.138	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	137038	44.435	ug/l	100
89) n-Butylbenzene	12.329	91	241194	49.120	ug/l	100
90) Hexachloroethane	12.536	117	54478	49.527	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	136399	44.587	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25827	46.535	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	84723	48.040	ug/l	98
94) Hexachlorobutadiene	13.725	225	34285	49.039	ug/l	99
95) Naphthalene	13.774	128	296875	45.790	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86102	47.319	ug/l	99

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

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