

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043214.D
 Acq On : 01 Oct 2024 14:38
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX100124

Quant Time: Oct 02 16:52:07 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 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	109884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	187693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89760	50.017	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.040%
35) Dibromofluoromethane	5.379	113	66575	51.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.860%
50) Toluene-d8	8.647	98	228448	50.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	84489	51.846	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68776	53.809	ug/l	98
3) Chloromethane	1.295	50	64987	49.368	ug/l	100
4) Vinyl Chloride	1.374	62	67241	50.996	ug/l	98
5) Bromomethane	1.599	94	26690	49.545	ug/l	99
6) Chloroethane	1.666	64	24111	49.104	ug/l	100
7) Trichlorofluoromethane	1.868	101	97836	49.661	ug/l	99
8) Diethyl Ether	2.136	74	38790	50.595	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	65410	53.203	ug/l	100
10) Methyl Iodide	2.441	142	78646	50.930	ug/l	99
11) Tert butyl alcohol	2.995	59	92524	270.936	ug/l	99
12) 1,1-Dichloroethene	2.307	96	61385	50.280	ug/l	91
13) Acrolein	2.240	56	82707	256.421	ug/l	97
14) Allyl chloride	2.654	41	100699	50.205	ug/l	97
15) Acrylonitrile	3.069	53	177625	254.726	ug/l	100
16) Acetone	2.386	43	181804	242.590	ug/l	99
17) Carbon Disulfide	2.502	76	150408	50.651	ug/l	99
18) Methyl Acetate	2.703	43	101260	53.861	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	226977	51.966	ug/l	100
20) Methylene Chloride	2.782	84	68280	49.414	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	63544	52.298	ug/l	95
22) Diisopropyl ether	3.758	45	206654	51.224	ug/l	95
23) Vinyl Acetate	3.715	43	1270615	270.423	ug/l	99
24) 1,1-Dichloroethane	3.605	63	121052	51.505	ug/l	99
25) 2-Butanone	4.556	43	263027	255.970	ug/l	100
26) 2,2-Dichloropropane	4.465	77	115562	51.679	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	77895	51.404	ug/l	99
28) Bromochloromethane	4.891	49	40560	43.743	ug/l	99
29) Tetrahydrofuran	5.001	42	164137	250.741	ug/l	99
30) Chloroform	5.087	83	130771	50.667	ug/l	98
31) Cyclohexane	5.458	56	96822	50.001	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	122362	51.615	ug/l	100
36) 1,1-Dichloropropene	5.684	75	85599	52.346	ug/l	100
37) Ethyl Acetate	4.709	43	103323	52.615	ug/l	99
38) Carbon Tetrachloride	5.672	117	103282	53.353	ug/l	98
39) Methylcyclohexane	7.373	83	110188	53.576	ug/l	99
40) Benzene	6.032	78	257830	52.004	ug/l	98

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41) Methacrylonitrile	4.910	41	54654	53.466	ug/l	98
42) 1,2-Dichloroethane	6.080	62	105799	52.367	ug/l	99
43) Isopropyl Acetate	6.336	43	172149	53.074	ug/l	100
44) Trichloroethene	7.117	130	68086	51.776	ug/l	97
45) 1,2-Dichloropropane	7.428	63	62937	51.728	ug/l	95
46) Dibromomethane	7.574	93	51501	52.823	ug/l	99
47) Bromodichloromethane	7.818	83	102493	53.471	ug/l	98
48) Methyl methacrylate	7.690	41	82604	51.904	ug/l	99
49) 1,4-Dioxane	7.659	88	34029	1099.966	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	514808	261.329	ug/l	99
52) Toluene	8.714	92	164758	53.023	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104868	55.057	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	109879	53.786	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	65146	52.754	ug/l	98
56) Ethyl methacrylate	9.116	69	110542	54.753	ug/l	99
57) 1,3-Dichloropropane	9.305	76	109369	52.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	250352	275.100	ug/l	100
59) 2-Hexanone	9.427	43	393666	264.256	ug/l	100
60) Dibromochloromethane	9.519	129	77238	53.914	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69569	52.434	ug/l	100
64) Tetrachloroethene	9.269	164	58578	52.276	ug/l	96
65) Chlorobenzene	10.080	112	180351	51.947	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	65926	53.701	ug/l	100
67) Ethyl Benzene	10.189	91	318258	53.034	ug/l	99
68) m/p-Xylenes	10.299	106	239994	105.825	ug/l	100
69) o-Xylene	10.640	106	116110	51.524	ug/l	100
70) Styrene	10.653	104	196047	53.680	ug/l	100
71) Bromoform	10.799	173	52408	55.727	ug/l #	100
73) Isopropylbenzene	10.957	105	307411	52.341	ug/l	99
74) N-amyl acetate	10.842	43	143997	51.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	97972	51.205	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84958m	50.702	ug/l	
77) Bromobenzene	11.195	156	72516	50.736	ug/l	98
78) n-propylbenzene	11.299	91	349447	54.198	ug/l	100
79) 2-Chlorotoluene	11.360	91	213003	51.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	254035	52.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33616	51.993	ug/l	99
82) 4-Chlorotoluene	11.451	91	244253	51.727	ug/l	99
83) tert-Butylbenzene	11.713	119	258173	51.724	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	254721	52.253	ug/l	98
85) sec-Butylbenzene	11.890	105	316619	53.509	ug/l	100
86) p-Isopropyltoluene	12.006	119	267408	54.168	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	131623	52.277	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	131413	50.625	ug/l	99
89) n-Butylbenzene	12.329	91	232978	56.371	ug/l	99
90) Hexachloroethane	12.536	117	50848	54.921	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	130444	50.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24035	51.451	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	81389	54.829	ug/l	99
94) Hexachlorobutadiene	13.725	225	32646	55.477	ug/l	98
95) Naphthalene	13.774	128	286076	52.424	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82876	54.112	ug/l	98

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

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