

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041670.D
 Acq On : 29 May 2024 13:32
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052924

Quant Time: May 30 07:40:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187944	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	271262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108129	46.909	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.820%		
35) Dibromofluoromethane	5.385	113	88615	47.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.500%		
50) Toluene-d8	8.647	98	315552	48.152	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.300%		
62) 4-Bromofluorobenzene	11.079	95	120554	49.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	81551	49.382	ug/l	98
3) Chloromethane	1.301	50	84726	47.022	ug/l	99
4) Vinyl Chloride	1.374	62	89464	48.232	ug/l	98
5) Bromomethane	1.599	94	60965	47.194	ug/l	97
6) Chloroethane	1.666	64	50064	44.655	ug/l	97
7) Trichlorofluoromethane	1.868	101	139970	46.210	ug/l	97
8) Diethyl Ether	2.136	74	55334	47.400	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	83574	48.693	ug/l	89
10) Methyl Iodide	2.441	142	107195	50.085	ug/l	91
11) Tert butyl alcohol	3.001	59	98122	240.632	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	81664	48.745	ug/l	88
13) Acrolein	2.239	56	92250	242.975	ug/l	98
14) Allyl chloride	2.660	41	138846	50.377	ug/l	98
15) Acrylonitrile	3.069	53	246825	246.821	ug/l	99
16) Acetone	2.392	43	242768	243.715	ug/l	97
17) Carbon Disulfide	2.502	76	185314	50.002	ug/l	100
18) Methyl Acetate	2.709	43	105185	47.790	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	274118	48.904	ug/l	99
20) Methylene Chloride	2.782	84	90737	43.987	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	83908	48.272	ug/l	91
22) Diisopropyl ether	3.764	45	275362	48.887	ug/l	93
23) Vinyl Acetate	3.721	43	1295814	256.075	ug/l	98
24) 1,1-Dichloroethane	3.605	63	155237	48.739	ug/l	97
25) 2-Butanone	4.562	43	359306	250.803	ug/l	98
26) 2,2-Dichloropropane	4.471	77	127436	48.767	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	101680	48.935	ug/l	92
28) Bromochloromethane	4.897	49	65217	47.541	ug/l	# 82
29) Tetrahydrofuran	5.007	42	227853	252.192	ug/l	97
30) Chloroform	5.093	83	163035	48.754	ug/l	100
31) Cyclohexane	5.464	56	130851	48.082	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	145877	49.780	ug/l	98
36) 1,1-Dichloropropene	5.690	75	107975	47.546	ug/l	96
37) Ethyl Acetate	4.721	43	138838	48.444	ug/l	99
38) Carbon Tetrachloride	5.672	117	126933	49.197	ug/l	100
39) Methylcyclohexane	7.379	83	138076	49.490	ug/l	94
40) Benzene	6.037	78	345335	48.651	ug/l	99

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41) Methacrylonitrile	4.922	41	73667	52.558	ug/l	96
42) 1,2-Dichloroethane	6.086	62	128454	48.476	ug/l	97
43) Isopropyl Acetate	6.342	43	211978	48.990	ug/l	98
44) Trichloroethene	7.123	130	93067	48.208	ug/l	90
45) 1,2-Dichloropropane	7.427	63	82885	49.111	ug/l	98
46) Dibromomethane	7.580	93	63946	49.400	ug/l #	79
47) Bromodichloromethane	7.818	83	121326	50.619	ug/l	98
48) Methyl methacrylate	7.696	41	106595	51.298	ug/l	95
49) 1,4-Dioxane	7.665	88	47398	1043.956	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	715043	254.838	ug/l	99
52) Toluene	8.714	92	224223	49.775	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	123332	52.275	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	134155	51.401	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	89288	49.170	ug/l	97
56) Ethyl methacrylate	9.116	69	146282	52.777	ug/l	98
57) 1,3-Dichloropropane	9.305	76	146586	48.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	328878	252.034	ug/l	94
59) 2-Hexanone	9.433	43	558741	261.191	ug/l	98
60) Dibromochloromethane	9.519	129	105263	52.255	ug/l	99
61) 1,2-Dibromoethane	9.610	107	95003	49.570	ug/l	99
64) Tetrachloroethene	9.269	164	90013	48.073	ug/l	90
65) Chlorobenzene	10.079	112	259538	48.407	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92508	49.724	ug/l	97
67) Ethyl Benzene	10.195	91	427973	50.087	ug/l	97
68) m/p-Xylenes	10.299	106	342834	100.857	ug/l	94
69) o-Xylene	10.640	106	168859	49.935	ug/l	94
70) Styrene	10.653	104	287861	51.539	ug/l	96
71) Bromoform	10.799	173	85175	52.569	ug/l #	99
73) Isopropylbenzene	10.963	105	435831	50.125	ug/l	97
74) N-amyl acetate	10.842	43	200019	51.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145380	47.114	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	119658m	48.926	ug/l	
77) Bromobenzene	11.195	156	125368	48.848	ug/l	79
78) n-propylbenzene	11.305	91	488181	51.131	ug/l	97
79) 2-Chlorotoluene	11.366	91	297148	48.422	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	372196	51.269	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	45163	50.330	ug/l	94
82) 4-Chlorotoluene	11.451	91	345171	49.442	ug/l	93
83) tert-Butylbenzene	11.713	119	390044	49.878	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	374210	50.876	ug/l	94
85) sec-Butylbenzene	11.890	105	460742	51.392	ug/l	96
86) p-Isopropyltoluene	12.006	119	409286	52.054	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	223560	48.774	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	226414	47.920	ug/l	95
89) n-Butylbenzene	12.329	91	324899	52.197	ug/l	98
90) Hexachloroethane	12.536	117	67881	50.759	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	228661	48.976	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32566	52.242	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	154525	50.219	ug/l	96
94) Hexachlorobutadiene	13.725	225	73642	48.307	ug/l	99
95) Naphthalene	13.774	128	472174	52.001	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	158614	50.087	ug/l	96

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

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