

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035281.D
 Acq On : 25 Apr 2023 14:10
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042523

Quant Time: Apr 25 16:41:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	284567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	449190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171373	49.917	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.840%			
35) Dibromofluoromethane	5.385	113	143638	52.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.647	98	526106	50.586	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.180%			
62) 4-Bromofluorobenzene	11.079	95	203041	51.897	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	149232	49.561	ug/l	100
3) Chloromethane	1.295	50	130418	47.612	ug/l	99
4) Vinyl Chloride	1.374	62	132554	48.249	ug/l	97
5) Bromomethane	1.618	94	85357	46.746	ug/l	95
6) Chloroethane	1.691	64	75348	46.894	ug/l	98
7) Trichlorofluoromethane	1.886	101	206446	48.053	ug/l	99
8) Diethyl Ether	2.130	74	74240	47.394	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	137767	48.011	ug/l	96
10) Methyl Iodide	2.453	142	173934	48.028	ug/l	97
11) Tert butyl alcohol	3.008	59	153349	245.317	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	131333	47.518	ug/l	96
13) Acrolein	2.239	56	140124	227.938	ug/l	99
14) Allyl chloride	2.666	41	236912	48.709	ug/l	97
15) Acrylonitrile	3.069	53	368254	235.539	ug/l	99
16) Acetone	2.392	43	339291	227.549	ug/l	100
17) Carbon Disulfide	2.514	76	330902	49.943	ug/l	100
18) Methyl Acetate	2.703	43	279118	48.408	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	456747	48.170	ug/l	97
20) Methylene Chloride	2.788	84	149953	43.860	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	145327	48.414	ug/l	95
22) Diisopropyl ether	3.757	45	462125	48.013	ug/l	93
23) Vinyl Acetate	3.721	43	1667966	252.115	ug/l	98
24) 1,1-Dichloroethane	3.611	63	262869	48.487	ug/l	99
25) 2-Butanone	4.562	43	509756	234.224	ug/l	96
26) 2,2-Dichloropropane	4.477	77	213272	50.213	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	167686	47.524	ug/l	94
28) Bromochloromethane	4.898	49	117354	50.794	ug/l	88
29) Tetrahydrofuran	5.007	42	324826	232.825	ug/l	97
30) Chloroform	5.093	83	265057	48.430	ug/l	99
31) Cyclohexane	5.471	56	236720	48.607	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	235329	49.063	ug/l	97
36) 1,1-Dichloropropene	5.696	75	202083	46.942	ug/l	98
37) Ethyl Acetate	4.715	43	194820	49.549	ug/l	97
38) Carbon Tetrachloride	5.678	117	203308	49.749	ug/l	97
39) Methylcyclohexane	7.379	83	258956	49.418	ug/l	99
40) Benzene	6.038	78	587547	47.577	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	112293	49.843	ug/l	98
42) 1,2-Dichloroethane	6.086	62	210311	47.764	ug/l	98
43) Isopropyl Acetate	6.336	43	328815	49.770	ug/l	96
44) Trichloroethene	7.123	130	163239	47.983	ug/l	97
45) 1,2-Dichloropropane	7.428	63	150136	48.222	ug/l	97
46) Dibromomethane	7.580	93	103305	48.318	ug/l	93
47) Bromodichloromethane	7.818	83	197541	50.147	ug/l	100
48) Methyl methacrylate	7.690	41	162755	50.221	ug/l	93
49) 1,4-Dioxane	7.714	88	73689	932.835	ug/l #	63
51) 4-Methyl-2-Pentanone	8.574	43	976971	240.697	ug/l	97
52) Toluene	8.714	92	378861	48.399	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	218783	53.182	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	242424	52.136	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	147646	47.314	ug/l	98
56) Ethyl methacrylate	9.116	69	232771	50.073	ug/l	90
57) 1,3-Dichloropropane	9.305	76	252881	47.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	565561	243.317	ug/l	96
59) 2-Hexanone	9.427	43	739182	242.414	ug/l	95
60) Dibromochloromethane	9.519	129	155612	52.047	ug/l	99
61) 1,2-Dibromoethane	9.610	107	158125	49.153	ug/l	99
64) Tetrachloroethene	9.275	164	143789	46.846	ug/l	94
65) Chlorobenzene	10.080	112	404394	46.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	149852	49.646	ug/l	99
67) Ethyl Benzene	10.195	91	720398	47.963	ug/l	99
68) m/p-Xylenes	10.299	106	558500	97.041	ug/l	97
69) o-Xylene	10.640	106	273429	48.449	ug/l	98
70) Styrene	10.653	104	451793	49.373	ug/l	98
71) Bromoform	10.799	173	108777	51.811	ug/l #	100
73) Isopropylbenzene	10.964	105	714753	49.735	ug/l	100
74) N-amyl acetate	10.842	43	280591	51.954	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	216527	48.543	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	180119m	45.929	ug/l	
77) Bromobenzene	11.195	156	174988	48.984	ug/l	91
78) n-propylbenzene	11.305	91	822827	49.853	ug/l	99
79) 2-Chlorotoluene	11.366	91	493191	47.819	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	605675	49.983	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	63472	52.420	ug/l	100
82) 4-Chlorotoluene	11.451	91	571959	49.376	ug/l	98
83) tert-Butylbenzene	11.713	119	598725	49.244	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	605341	49.718	ug/l	99
85) sec-Butylbenzene	11.890	105	750762	50.341	ug/l	100
86) p-Isopropyltoluene	12.006	119	644166	50.785	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	331168	48.781	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	331889	46.627	ug/l	99
89) n-Butylbenzene	12.329	91	548901	51.263	ug/l	98
90) Hexachloroethane	12.536	117	104672	53.909	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	322333	47.472	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47099	52.658	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	215295	50.444	ug/l	100
94) Hexachlorobutadiene	13.725	225	93559	49.947	ug/l	99
95) Naphthalene	13.774	128	672609	51.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207134	48.211	ug/l	98

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

