

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034016.D
 Acq On : 03 Feb 2023 17:27
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX020423

Quant Time: Feb 03 23:32:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70524	50.186	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.380%			
35) Dibromofluoromethane	5.385	113	64221	50.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	8.647	98	234406	51.179	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.360%			
62) 4-Bromofluorobenzene	11.079	95	89356	54.625	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64618	54.532	ug/l	96
3) Chloromethane	1.294	50	59739	53.423	ug/l	96
4) Vinyl Chloride	1.374	62	60898	52.002	ug/l	96
5) Bromomethane	1.605	94	32893	54.546	ug/l	96
6) Chloroethane	1.685	64	35427	54.707	ug/l	97
7) Trichlorofluoromethane	1.886	101	98398	52.810	ug/l	98
8) Diethyl Ether	2.130	74	33267	51.909	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	64302	51.690	ug/l	91
10) Methyl Iodide	2.453	142	94720	53.745	ug/l	92
11) Tert butyl alcohol	2.953	59	54432	276.473	ug/l #	81
12) 1,1-Dichloroethene	2.319	96	61754	51.742	ug/l	87
13) Acrolein	2.233	56	72173	273.313	ug/l	99
14) Allyl chloride	2.666	41	103920	53.403	ug/l	89
15) Acrylonitrile	3.056	53	167168	264.697	ug/l	99
16) Acetone	2.373	43	148677	250.498	ug/l	92
17) Carbon Disulfide	2.514	76	158925	52.484	ug/l	100
18) Methyl Acetate	2.697	43	100650	54.516	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	198138	53.837	ug/l	98
20) Methylene Chloride	2.788	84	69296	51.034	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	67861	52.204	ug/l	96
22) Diisopropyl ether	3.757	45	200561	52.228	ug/l	93
23) Vinyl Acetate	3.721	43	792477	271.005	ug/l	97
24) 1,1-Dichloroethane	3.611	63	116270	52.528	ug/l	99
25) 2-Butanone	4.550	43	226001	261.501	ug/l	92
26) 2,2-Dichloropropane	4.477	77	87960	54.477	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	77366	51.741	ug/l	96
28) Bromochloromethane	4.897	49	49357	50.718	ug/l	88
29) Tetrahydrofuran	4.995	42	144497	262.880	ug/l	93
30) Chloroform	5.092	83	119775	51.921	ug/l	99
31) Cyclohexane	5.470	56	106662	52.120	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	106110	53.410	ug/l	98
36) 1,1-Dichloropropene	5.690	75	89943	51.605	ug/l	98
37) Ethyl Acetate	4.708	43	87163	53.684	ug/l	98
38) Carbon Tetrachloride	5.678	117	98885	53.196	ug/l	96
39) Methylcyclohexane	7.379	83	115023	52.428	ug/l	97
40) Benzene	6.037	78	265296	52.607	ug/l	99

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41) Methacrylonitrile	4.916	41	49240	53.889	ug/l	96
42) 1,2-Dichloroethane	6.086	62	90827	53.003	ug/l	99
43) Isopropyl Acetate	6.336	43	141409	55.846	ug/l	96
44) Trichloroethene	7.129	130	82304	53.103	ug/l	93
45) 1,2-Dichloropropane	7.427	63	66393	53.323	ug/l	97
46) Dibromomethane	7.580	93	48303	54.149	ug/l	94
47) Bromodichloromethane	7.818	83	91878	54.356	ug/l	98
48) Methyl methacrylate	7.690	41	71481	54.676	ug/l	93
49) 1,4-Dioxane	7.659	88	27823	1105.616	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	439438	276.675	ug/l	98
52) Toluene	8.720	92	173591	53.115	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	97345	57.289	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108739	56.247	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	70761	54.206	ug/l	95
56) Ethyl methacrylate	9.116	69	104152	57.124	ug/l	96
57) 1,3-Dichloropropane	9.305	76	113446	53.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225761	266.133	ug/l	97
59) 2-Hexanone	9.427	43	328182	282.351	ug/l	98
60) Dibromochloromethane	9.518	129	80953	55.953	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75411	53.723	ug/l	97
64) Tetrachloroethene	9.275	164	75359	50.663	ug/l	97
65) Chlorobenzene	10.079	112	194096	52.757	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	75654	54.417	ug/l	99
67) Ethyl Benzene	10.195	91	333068	53.487	ug/l	99
68) m/p-Xylenes	10.299	106	269012	108.076	ug/l	99
69) o-Xylene	10.640	106	132815	55.558	ug/l	97
70) Styrene	10.652	104	220343	55.963	ug/l	99
71) Bromoform	10.799	173	66373	58.528	ug/l #	99
73) Isopropylbenzene	10.963	105	344903	52.524	ug/l	99
74) N-amyl acetate	10.841	43	123190	56.947	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	101784	51.516	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83264m	49.353	ug/l	
77) Bromobenzene	11.195	156	94700	52.008	ug/l	97
78) n-propylbenzene	11.305	91	383051	52.759	ug/l	99
79) 2-Chlorotoluene	11.366	91	229691	52.248	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	289747	53.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29545	53.932	ug/l	98
82) 4-Chlorotoluene	11.457	91	263353	52.965	ug/l	99
83) tert-Butylbenzene	11.713	119	299179	52.981	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	290966	53.285	ug/l	100
85) sec-Butylbenzene	11.890	105	361132	53.451	ug/l	99
86) p-Isopropyltoluene	12.012	119	319905	53.986	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	175340	52.479	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	176608	52.064	ug/l	99
89) n-Butylbenzene	12.335	91	253663	54.599	ug/l	99
90) Hexachloroethane	12.536	117	50967	54.635	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	170957	52.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22076	56.822	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	125815	54.646	ug/l	100
94) Hexachlorobutadiene	13.725	225	58229	51.095	ug/l	99
95) Naphthalene	13.774	128	351730	55.603	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	120837	52.249	ug/l	99

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

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