

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031026.D
 Acq On : 01 Sep 2022 13:52
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090122

Quant Time: Sep 02 02:54:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	210274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	347207	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	308380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128661	47.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.100%		
35) Dibromofluoromethane	5.391	113	124122	48.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.980%		
50) Toluene-d8	8.653	98	453383	48.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.240%		
62) 4-Bromofluorobenzene	11.079	95	165323	50.194	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102489	47.369	ug/l	98
3) Chloromethane	1.288	50	81997	45.955	ug/l	98
4) Vinyl Chloride	1.374	62	106974	47.331	ug/l	99
5) Bromomethane	1.611	94	47350	46.862	ug/l	99
6) Chloroethane	1.685	64	60808	52.293	ug/l	98
7) Trichlorofluoromethane	1.886	101	184826	48.396	ug/l	97
8) Diethyl Ether	2.136	74	64029	48.072	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	121685	48.104	ug/l	93
10) Methyl Iodide	2.453	142	108418	44.617	ug/l	97
11) Tert butyl alcohol	2.995	59	135755	248.168	ug/l	99
12) 1,1-Dichloroethene	2.319	96	118561	48.534	ug/l	94
13) Acrolein	2.239	56	115848	233.988	ug/l	98
14) Allyl chloride	2.666	41	158156	48.750	ug/l #	93
15) Acrylonitrile	3.075	53	317753	250.496	ug/l	99
16) Acetone	2.386	43	256934	245.991	ug/l	99
17) Carbon Disulfide	2.508	76	300642	47.390	ug/l	98
18) Methyl Acetate	2.709	43	141745	47.226	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	368266	48.952	ug/l	95
20) Methylene Chloride	2.788	84	129648	51.059	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	127650	46.961	ug/l	91
22) Diisopropyl ether	3.763	45	318171	48.673	ug/l #	87
23) Vinyl Acetate	3.727	43	1319959	249.991	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	211783	48.081	ug/l	97
25) 2-Butanone	4.562	43	395315	245.157	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	174626	49.681	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	148747	48.825	ug/l	93
28) Bromochloromethane	4.897	49	58923	45.152	ug/l #	68
29) Tetrahydrofuran	5.013	42	247795	238.364	ug/l #	82
30) Chloroform	5.092	83	230625	47.745	ug/l	99
31) Cyclohexane	5.470	56	184248	49.851	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	204273	49.334	ug/l	95
36) 1,1-Dichloropropene	5.696	75	167466	47.185	ug/l	98
37) Ethyl Acetate	4.714	43	149864	48.599	ug/l	95
38) Carbon Tetrachloride	5.678	117	178455	48.441	ug/l	97
39) Methylcyclohexane	7.385	83	230735	52.457	ug/l	96
40) Benzene	6.037	78	500096	49.079	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	79917	48.610	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	161914	48.170	ug/l	99
43) Isopropyl Acetate	6.342	43	231958	48.130	ug/l #	92
44) Trichloroethene	7.123	130	162674	50.439	ug/l	96
45) 1,2-Dichloropropane	7.427	63	130726	50.051	ug/l	93
46) Dibromomethane	7.580	93	97589	49.922	ug/l	92
47) Bromodichloromethane	7.824	83	182229	49.897	ug/l	98
48) Methyl methacrylate	7.696	41	116602	47.924	ug/l #	84
49) 1,4-Dioxane	7.690	88	72255	976.355	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	749964	242.066	ug/l	89
52) Toluene	8.720	92	333438	50.459	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	187509	51.853	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	211525	52.313	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	137563	48.967	ug/l	98
56) Ethyl methacrylate	9.116	69	198393	51.658	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	213710	48.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	453879	236.667	ug/l	94
59) 2-Hexanone	9.433	43	641768	273.919	ug/l	95
60) Dibromochloromethane	9.525	129	146635	50.268	ug/l	99
61) 1,2-Dibromoethane	9.610	107	150862	50.866	ug/l	98
64) Tetrachloroethene	9.275	164	157929	51.292	ug/l	92
65) Chlorobenzene	10.079	112	358204	48.636	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	133816	49.206	ug/l	98
67) Ethyl Benzene	10.195	91	640110	50.731	ug/l	100
68) m/p-Xylenes	10.305	106	497919	100.617	ug/l	100
69) o-Xylene	10.646	106	250633	51.641	ug/l	98
70) Styrene	10.659	104	410592	52.276	ug/l	100
71) Bromoform	10.799	173	111119	52.548	ug/l #	99
73) Isopropylbenzene	10.963	105	638501	48.934	ug/l	100
74) N-amyl acetate	10.841	43	202715	51.469	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	195630	46.884	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	180885m	47.273	ug/l	
77) Bromobenzene	11.201	156	167062	49.660	ug/l	87
78) n-propylbenzene	11.305	91	763197	51.355	ug/l	98
79) 2-Chlorotoluene	11.366	91	456652	49.902	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	553023	50.364	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	63584	52.224	ug/l	91
82) 4-Chlorotoluene	11.457	91	500838	48.914	ug/l	97
83) tert-Butylbenzene	11.719	119	539736	49.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	553643	50.729	ug/l	99
85) sec-Butylbenzene	11.890	105	732283	51.156	ug/l	100
86) p-Isopropyltoluene	12.012	119	598890	52.828	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	329970	51.206	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	313279	48.816	ug/l	98
89) n-Butylbenzene	12.335	91	555727	54.367	ug/l	97
90) Hexachloroethane	12.542	117	112106	54.567	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	334873	50.668	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48090	47.303	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	224402	53.648	ug/l	99
94) Hexachlorobutadiene	13.725	225	93182	50.880	ug/l	96
95) Naphthalene	13.774	128	780970	53.230	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	226635	51.653	ug/l	99

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

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