

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030768.D
 Acq On : 25 Aug 2022 13:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082522

Quant Time: Aug 26 02:39:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	270265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146064	45.946	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.900%		
35) Dibromofluoromethane	5.391	113	129950	46.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.653	98	452250	46.408	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.079	95	173658	47.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	118663	47.378	ug/l	96
3) Chloromethane	1.288	50	99490	48.800	ug/l	99
4) Vinyl Chloride	1.374	62	117215	47.899	ug/l	97
5) Bromomethane	1.605	94	60738	48.232	ug/l	98
6) Chloroethane	1.685	64	71173	49.967	ug/l	97
7) Trichlorofluoromethane	1.886	101	185688	44.884	ug/l	97
8) Diethyl Ether	2.136	74	71699	45.803	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	121160	46.035	ug/l	97
10) Methyl Iodide	2.453	142	92299	42.606	ug/l	92
11) Tert butyl alcohol	2.989	59	159763	231.504	ug/l	98
12) 1,1-Dichloroethene	2.319	96	110684	45.179	ug/l	97
13) Acrolein	2.239	56	150763	246.960	ug/l	99
14) Allyl chloride	2.660	41	203979	44.997	ug/l	100
15) Acrylonitrile	3.069	53	391625	231.463	ug/l	98
16) Acetone	2.392	43	345262	235.022	ug/l	97
17) Carbon Disulfide	2.508	76	233591	48.479	ug/l	96
18) Methyl Acetate	2.709	43	207056	45.858	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	407768	48.065	ug/l	98
20) Methylene Chloride	2.788	84	134394	49.892	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	117143	44.513	ug/l	97
22) Diisopropyl ether	3.764	45	431194	47.356	ug/l	92
23) Vinyl Acetate	3.727	43	1758840	240.839	ug/l	100
24) 1,1-Dichloroethane	3.611	63	235547	45.640	ug/l	99
25) 2-Butanone	4.562	43	553826	234.032	ug/l	97
26) 2,2-Dichloropropane	4.477	77	182035	48.692	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	148307	45.616	ug/l	98
28) Bromochloromethane	4.904	49	97287	43.812	ug/l	97
29) Tetrahydrofuran	5.013	42	354202	229.333	ug/l	99
30) Chloroform	5.099	83	245991	45.286	ug/l	100
31) Cyclohexane	5.477	56	188052	46.261	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	209702	47.748	ug/l	98
36) 1,1-Dichloropropene	5.696	75	167521	43.990	ug/l	98
37) Ethyl Acetate	4.721	43	203376	45.089	ug/l	99
38) Carbon Tetrachloride	5.678	117	177421	44.168	ug/l	94
39) Methylcyclohexane	7.379	83	209016	45.859	ug/l	99
40) Benzene	6.038	78	512782	45.006	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	114320	45.357	ug/l	99
42) 1,2-Dichloroethane	6.092	62	182927	45.249	ug/l	98
43) Isopropyl Acetate	6.342	43	322443	47.460	ug/l	100
44) Trichloroethene	7.129	130	148894	45.234	ug/l	97
45) 1,2-Dichloropropane	7.434	63	145654	46.211	ug/l	99
46) Dibromomethane	7.586	93	100197	44.750	ug/l	96
47) Bromodichloromethane	7.824	83	199837	47.395	ug/l	96
48) Methyl methacrylate	7.696	41	167926	49.584	ug/l	96
49) 1,4-Dioxane	7.677	88	77890	931.624	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1054427	230.097	ug/l	98
52) Toluene	8.720	92	325141	45.720	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	199138	48.881	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	220113	47.980	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	147300	46.608	ug/l	99
56) Ethyl methacrylate	9.116	69	224609	49.557	ug/l	97
57) 1,3-Dichloropropane	9.311	76	236444	46.430	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	613157	252.975	ug/l	99
59) 2-Hexanone	9.433	43	813451	236.610	ug/l	97
60) Dibromochloromethane	9.525	129	155852	47.291	ug/l	97
61) 1,2-Dibromoethane	9.610	107	151070	47.139	ug/l	99
64) Tetrachloroethene	9.275	164	144160	45.256	ug/l	98
65) Chlorobenzene	10.079	112	356173	45.531	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	138564	47.204	ug/l	99
67) Ethyl Benzene	10.195	91	644933	47.719	ug/l	98
68) m/p-Xylenes	10.305	106	495365	95.667	ug/l	98
69) o-Xylene	10.646	106	244693	47.756	ug/l	94
70) Styrene	10.659	104	419934	49.385	ug/l	98
71) Bromoform	10.799	173	115405	47.581	ug/l #	98
73) Isopropylbenzene	10.963	105	653404	48.103	ug/l	98
74) N-amyl acetate	10.848	43	271242	51.264	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	216266	46.544	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	206051m	46.401	ug/l	
77) Bromobenzene	11.201	156	158373	47.322	ug/l	97
78) n-propylbenzene	11.305	91	771191	49.365	ug/l	100
79) 2-Chlorotoluene	11.366	91	451522	47.183	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	560400	49.294	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70969	51.564	ug/l	98
82) 4-Chlorotoluene	11.457	91	537561	50.115	ug/l	99
83) tert-Butylbenzene	11.713	119	556574	50.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	555099	50.417	ug/l	98
85) sec-Butylbenzene	11.890	105	705490	49.481	ug/l	100
86) p-Isopropyltoluene	12.012	119	616316	52.563	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	302106	47.852	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	312511	48.235	ug/l	98
89) n-Butylbenzene	12.335	91	553336	50.979	ug/l	99
90) Hexachloroethane	12.542	117	112088	49.305	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	301082	45.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58375	48.810	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	226108	54.411	ug/l	98
94) Hexachlorobutadiene	13.725	225	91815	53.048	ug/l	96
95) Naphthalene	13.780	128	746103	51.574	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	231344	52.653	ug/l	98

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

