

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032160.D
 Acq On : 17 Oct 2022 17:19
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101722

Quant Time: Oct 18 04:20:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 04:18:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	114495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	234296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106784	58.558	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.120%			
35) Dibromofluoromethane	5.379	113	61877	38.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 77.420%			
50) Toluene-d8	8.647	98	296335	52.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.700%			
62) 4-Bromofluorobenzene	11.079	95	118486	55.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	69236	54.920	ug/l	99
3) Chloromethane	1.288	50	63091	51.832	ug/l	100
4) Vinyl Chloride	1.374	62	71397	52.638	ug/l	99
5) Bromomethane	1.612	94	56181	55.959	ug/l	100
6) Chloroethane	1.685	64	60706	60.288	ug/l	97
7) Trichlorofluoromethane	1.886	101	122485	57.876	ug/l	97
8) Diethyl Ether	2.130	74	40894	58.454	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	54242	54.230	ug/l	93
10) Methyl Iodide	2.447	142	62308	51.384	ug/l	99
11) Tert butyl alcohol	3.008	59	48433	193.109	ug/l	96
12) 1,1-Dichloroethene	2.313	96	51128	54.713	ug/l	94
13) Acrolein	2.233	56	55427	262.552	ug/l	100
14) Allyl chloride	2.660	41	78760	47.692	ug/l	97
15) Acrylonitrile	3.063	53	140810	233.872	ug/l	98
16) Acetone	2.386	43	107452	245.066	ug/l	94
17) Carbon Disulfide	2.508	76	124463	53.079	ug/l	100
18) Methyl Acetate	2.703	43	77558	43.434	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	179822	46.359	ug/l	98
20) Methylene Chloride	2.788	84	56480	41.897	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	59541	47.025	ug/l	95
22) Diisopropyl ether	3.758	45	185703	45.263	ug/l	98
23) Vinyl Acetate	3.715	43	735576	229.511	ug/l	97
24) 1,1-Dichloroethane	3.605	63	103180	43.150	ug/l	96
25) 2-Butanone	4.556	43	191030	203.909	ug/l	99
26) 2,2-Dichloropropane	4.471	77	79284	42.128	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	69751	45.802	ug/l	90
28) Bromochloromethane	4.898	49	39843	40.780	ug/l	87
29) Tetrahydrofuran	5.007	42	126850	225.788	ug/l	95
30) Chloroform	5.087	83	117718	44.982	ug/l	98
31) Cyclohexane	5.465	56	98117	48.280	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	103443	45.854	ug/l	98
36) 1,1-Dichloropropene	5.684	75	112568	48.670	ug/l	99
37) Ethyl Acetate	4.709	43	81673	35.189	ug/l	99
38) Carbon Tetrachloride	5.672	117	117105	47.810	ug/l	100
39) Methylcyclohexane	7.379	83	142515	51.343	ug/l	97
40) Benzene	6.032	78	321844	49.749	ug/l	100

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41) Methacrylonitrile	4.916	41	44105	36.854	ug/l	97
42) 1,2-Dichloroethane	6.080	62	134321	49.571	ug/l	99
43) Isopropyl Acetate	6.336	43	175225	50.099	ug/l	99
44) Trichloroethene	7.123	130	90294	49.535	ug/l	93
45) 1,2-Dichloropropane	7.428	63	79632	49.408	ug/l	96
46) Dibromomethane	7.580	93	61930	50.019	ug/l	96
47) Bromodichloromethane	7.818	83	122180	52.973	ug/l	98
48) Methyl methacrylate	7.690	41	89943	50.741	ug/l	98
49) 1,4-Dioxane	7.696	88	33416	919.429	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	544235	253.753	ug/l	98
52) Toluene	8.714	92	215407	52.260	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	128432	62.424	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	133826	55.393	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	85091	54.381	ug/l	98
56) Ethyl methacrylate	9.116	69	128304	57.415	ug/l	99
57) 1,3-Dichloropropane	9.305	76	144485	52.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	283791	256.336	ug/l	96
59) 2-Hexanone	9.427	43	415436	261.459	ug/l	99
60) Dibromochloromethane	9.519	129	92551	57.174	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91341	54.054	ug/l	98
64) Tetrachloroethene	9.275	164	90256	49.876	ug/l	98
65) Chlorobenzene	10.080	112	230735	48.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	86405	52.117	ug/l	99
67) Ethyl Benzene	10.195	91	428537	50.964	ug/l	98
68) m/p-Xylenes	10.299	106	327834	101.672	ug/l	95
69) o-Xylene	10.640	106	161654	50.950	ug/l	97
70) Styrene	10.653	104	266658	52.009	ug/l	98
71) Bromoform	10.799	173	63167	54.166	ug/l #	99
73) Isopropylbenzene	10.964	105	434925	50.194	ug/l	98
74) N-amyl acetate	10.842	43	160659	52.961	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	126809	45.650	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106838m	42.997	ug/l	
77) Bromobenzene	11.195	156	100799	47.788	ug/l	96
78) n-propylbenzene	11.305	91	513356	49.441	ug/l	98
79) 2-Chlorotoluene	11.366	91	306283	47.753	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	375646	49.116	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	34901	54.072	ug/l	87
82) 4-Chlorotoluene	11.457	91	358856	48.013	ug/l	98
83) tert-Butylbenzene	11.713	119	353944	47.044	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	374478	48.659	ug/l	97
85) sec-Butylbenzene	11.890	105	468649	49.773	ug/l	98
86) p-Isopropyltoluene	12.012	119	398689	50.864	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	195877	48.051	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	198321	47.639	ug/l	99
89) n-Butylbenzene	12.335	91	357279	55.287	ug/l	99
90) Hexachloroethane	12.543	117	64057	58.891	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	190347	48.866	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29366	51.065	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	124175	57.396	ug/l	100
94) Hexachlorobutadiene	13.725	225	52152	57.517	ug/l	98
95) Naphthalene	13.774	128	409405	56.627	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122453	56.537	ug/l	99

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

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