

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029562.D
 Acq On : 18 Jun 2022 10:27
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061822

Quant Time: Jun 20 01:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	267608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	459694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169975	47.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.960%		
35) Dibromofluoromethane	5.385	113	152078	50.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.520%		
50) Toluene-d8	8.647	98	575594	52.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.180%		
62) 4-Bromofluorobenzene	11.079	95	219329	53.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	170688	52.668	ug/l	99
3) Chloromethane	1.288	50	162601	46.573	ug/l	98
4) Vinyl Chloride	1.374	62	162484	50.549	ug/l	98
5) Bromomethane	1.611	94	80509	49.092	ug/l	100
6) Chloroethane	1.685	64	84983	42.573	ug/l	100
7) Trichlorofluoromethane	1.886	101	225658	50.390	ug/l	99
8) Diethyl Ether	2.136	74	87365	49.518	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	139980	49.849	ug/l	98
10) Methyl Iodide	2.453	142	142375	44.810	ug/l	97
11) Tert butyl alcohol	2.989	59	173773	224.149	ug/l	97
12) 1,1-Dichloroethene	2.319	96	139097	51.306	ug/l	96
13) Acrolein	2.233	56	45250	231.888	ug/l	99
14) Allyl chloride	2.666	41	215929	49.329	ug/l	96
15) Acrylonitrile	3.068	53	400191	241.528	ug/l	100
16) Acetone	2.386	43	312951	221.642	ug/l	99
17) Carbon Disulfide	2.508	76	364406	51.846	ug/l	100
18) Methyl Acetate	2.703	43	174193	46.661	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	468710	49.798	ug/l	100
20) Methylene Chloride	2.788	84	151169	48.070	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	151037	50.970	ug/l	97
22) Diisopropyl ether	3.757	45	425357	49.122	ug/l #	88
23) Vinyl Acetate	3.721	43	1827329	252.774	ug/l	99
24) 1,1-Dichloroethane	3.611	63	258245	49.590	ug/l	99
25) 2-Butanone	4.556	43	527412	236.312	ug/l	99
26) 2,2-Dichloropropane	4.471	77	194098	47.888	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	172092	49.711	ug/l	95
28) Bromochloromethane	4.897	49	93112	46.799	ug/l	99
29) Tetrahydrofuran	5.007	42	358169	240.803	ug/l	94
30) Chloroform	5.092	83	271349	49.237	ug/l	97
31) Cyclohexane	5.470	56	237670	49.975	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	245034	50.409	ug/l	97
36) 1,1-Dichloropropene	5.690	75	204565	50.452	ug/l	99
37) Ethyl Acetate	4.708	43	206217	49.618	ug/l	99
38) Carbon Tetrachloride	5.678	117	208640	52.327	ug/l	98
39) Methylcyclohexane	7.379	83	265086	52.439	ug/l	97
40) Benzene	6.037	78	604107	50.264	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	111513	50.928	ug/l	95
42) 1,2-Dichloroethane	6.086	62	200941	48.636	ug/l	99
43) Isopropyl Acetate	6.342	43	324059	50.143	ug/l	99
44) Trichloroethene	7.123	130	173828	51.064	ug/l	96
45) 1,2-Dichloropropane	7.427	63	148302	50.312	ug/l	99
46) Dibromomethane	7.580	93	106775	50.399	ug/l	94
47) Bromodichloromethane	7.824	83	206809	50.658	ug/l	100
48) Methyl methacrylate	7.690	41	157946	49.846	ug/l	94
49) 1,4-Dioxane	7.683	88	78004	954.796	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1014761	243.610	ug/l	98
52) Toluene	8.720	92	390869	50.788	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	224000	54.297	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	245096	53.056	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	155991	50.130	ug/l	98
56) Ethyl methacrylate	9.116	69	245713	52.269	ug/l	96
57) 1,3-Dichloropropane	9.311	76	260212	50.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	545912	247.157	ug/l	96
59) 2-Hexanone	9.433	43	776841	246.280	ug/l	97
60) Dibromochloromethane	9.525	129	158509	52.467	ug/l	97
61) 1,2-Dibromoethane	9.610	107	165459	51.287	ug/l	98
64) Tetrachloroethene	9.275	164	153095	50.847	ug/l	96
65) Chlorobenzene	10.079	112	415148	50.828	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	150668	51.365	ug/l	99
67) Ethyl Benzene	10.195	91	749586	51.006	ug/l	100
68) m/p-Xylenes	10.305	106	583737	101.854	ug/l	99
69) o-Xylene	10.640	106	288455	50.944	ug/l	100
70) Styrene	10.659	104	482851	52.082	ug/l	99
71) Bromoform	10.799	173	110882	53.315	ug/l #	100
73) Isopropylbenzene	10.963	105	750344	48.924	ug/l	99
74) N-amyl acetate	10.841	43	263205	49.412	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	230396	46.465	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	214907m	48.227	ug/l	
77) Bromobenzene	11.201	156	172252	49.210	ug/l	97
78) n-propylbenzene	11.305	91	866391	50.157	ug/l	99
79) 2-Chlorotoluene	11.366	91	519763	48.595	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	636392	49.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	66347	49.531	ug/l	95
82) 4-Chlorotoluene	11.457	91	593791	48.682	ug/l	100
83) tert-Butylbenzene	11.719	119	621674	49.364	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	639841	49.669	ug/l	99
85) sec-Butylbenzene	11.890	105	791983	50.742	ug/l	100
86) p-Isopropyltoluene	12.012	119	667305	51.061	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	335933	50.381	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	333170	50.044	ug/l	98
89) n-Butylbenzene	12.335	91	570310	51.706	ug/l	99
90) Hexachloroethane	12.542	117	100375	53.638	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	322457	49.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51556	46.924	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	204334	51.122	ug/l	98
94) Hexachlorobutadiene	13.725	225	81701	49.926	ug/l	97
95) Naphthalene	13.780	128	728108	50.746	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201626	50.368	ug/l	96

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

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