

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020117.D
 Acq On : 18 Dec 2020 10:59
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 3:57:53 PM

Quant Time: Dec 18 12:24:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.617	168	273153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	450237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	408372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	19166	5.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.48%#		
35) Dibromofluoromethane	5.458	113	14877	5.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.18%#		
50) Toluene-d8	8.696	98	57708	5.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.40%#		
62) 4-Bromofluorobenzene	11.122	95	20611	4.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.74%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	16542	6.56	ug/l	99
3) Chloromethane	1.313	50	19088	6.30	ug/l	100
4) Vinyl Chloride	1.392	62	20840	6.61	ug/l	100
5) Bromomethane	1.624	94	6959	6.65	ug/l	99
6) Chloroethane	1.703	64	13028	6.76	ug/l	97
7) Trichlorofluoromethane	1.910	101	27517	6.37	ug/l	99
8) Diethyl Ether	2.166	74	11228	5.90	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	15499	6.28	ug/l	98
10) Methyl Iodide	2.489	142	14592	4.02	ug/l	99
11) Tert butyl alcohol	3.014	59	25694	31.85	ug/l	96
12) 1,1-Dichloroethene	2.355	96	15335	6.11	ug/l	96
13) Acrolein	2.270	56	14527	34.25	ug/l	97
14) Allyl chloride	2.703	41	25404	5.83	ug/l	98
15) Acrylonitrile	3.111	53	49056	29.04	ug/l	100
16) Acetone	2.416	43	44772	31.93	ug/l	97
17) Carbon Disulfide	2.544	76	43103	5.93	ug/l	98
18) Methyl Acetate	2.745	43	19333	5.69	ug/l	98
19) Methyl tert-butyl Ether	3.160	73	54890	5.80	ug/l	100
20) Methylene Chloride	2.831	84	20402	5.68	ug/l	98
21) trans-1,2-Dichloroethene	3.136	96	18500	6.21	ug/l	96
22) Diisopropyl ether	3.818	45	53838	6.04	ug/l	99
23) Vinyl Acetate	3.776	43	221255	28.99	ug/l	98
24) 1,1-Dichloroethane	3.666	63	32357	6.10	ug/l	99
25) 2-Butanone	4.629	43	62801	29.11	ug/l	100
26) 2,2-Dichloropropane	4.544	77	26609	5.92	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	20443	5.82	ug/l	96
28) Bromochloromethane	4.977	49	13332	5.33	ug/l	97
29) Tetrahydrofuran	5.087	42	38331	27.60	ug/l	98
30) Chloroform	5.166	83	32835	6.01	ug/l	95
31) Cyclohexane	5.538	56	28287	6.32	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	27140	5.89	ug/l	98
36) 1,1-Dichloropropene	5.763	75	25308	6.23	ug/l	97
37) Ethyl Acetate	4.788	43	23426	5.53	ug/l	100
38) Carbon Tetrachloride	5.745	117	23552	5.95	ug/l	97
39) Methylcyclohexane	7.434	83	28893	6.13	ug/l	97
40) Benzene	6.105	78	76547	6.05	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	12937	5.57	ug/l	98
42) 1,2-Dichloroethane	6.153	62	26373	6.07	ug/l	99
43) Isopropyl Acetate	6.409	43	37564	5.49	ug/l	99
44) Trichloroethene	7.184	130	19722	6.02	ug/l	97
45) 1,2-Dichloropropane	7.482	63	19110	6.01	ug/l	98
46) Dibromomethane	7.635	93	12774	5.94	ug/l	97
47) Bromodichloromethane	7.873	83	23539	5.54	ug/l	98
48) Methyl methacrylate	7.739	41	18115	5.37	ug/l	98
49) 1,4-Dioxane	7.714	88	8659	107.12	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	116829	27.87	ug/l	99
52) Toluene	8.763	92	46952	5.96	ug/l	98
53) t-1,3-Dichloropropene	9.019	75	25017	5.32	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	28028	5.47	ug/l	99
55) 1,1,2-Trichloroethane	9.189	97	18611	5.80	ug/l	95
56) Ethyl methacrylate	9.159	69	25430	5.25	ug/l	98
57) 1,3-Dichloropropane	9.348	76	32112	5.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	70602	27.55	ug/l	97
59) 2-Hexanone	9.470	43	88660	27.42	ug/l	97
60) Dibromochloromethane	9.561	129	17577	5.42	ug/l	98
61) 1,2-Dibromoethane	9.653	107	18982	5.57	ug/l	100
64) Tetrachloroethene	9.311	164	18091	6.62	ug/l	95
65) Chlorobenzene	10.116	112	49665	6.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.201	131	17180	5.83	ug/l	98
67) Ethyl Benzene	10.232	91	84243	5.83	ug/l	97
68) m/p-Xylenes	10.342	106	64053	11.76	ug/l	100
69) o-Xylene	10.677	106	29648	5.64	ug/l	96
70) Styrene	10.695	104	47532	5.35	ug/l	98
71) Bromoform	10.836	173	11705	5.09	ug/l #	98
73) Isopropylbenzene	11.000	105	80711	6.06	ug/l	99
74) N-amyl acetate	10.878	43	28436	5.25	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	28709	6.04	ug/l	100
76) 1,2,3-Trichloropropane	11.274	75	27035m	6.11	ug/l	
77) Bromobenzene	11.238	156	21014	6.12	ug/l	99
78) n-propylbenzene	11.342	91	91470	6.02	ug/l	99
79) 2-Chlorotoluene	11.402	91	56824	6.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	66919	5.95	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	7336	4.80	ug/l	89
82) 4-Chlorotoluene	11.494	91	66245	5.99	ug/l	98
83) tert-Butylbenzene	11.750	119	63631	5.81	ug/l	96
84) 1,2,4-Trimethylbenzene	11.793	105	66866	5.87	ug/l	100
85) sec-Butylbenzene	11.927	105	74197	5.96	ug/l	100
86) p-Isopropyltoluene	12.049	119	67261	5.87	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	36650	5.84	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	38742	6.05	ug/l	97
89) n-Butylbenzene	12.372	91	55898	5.53	ug/l	99
90) Hexachloroethane	12.579	117	11191	5.66	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	36975	6.03	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	5532	5.40	ug/l	90
93) 1,2,4-Trichlorobenzene	13.628	180	21987	5.55	ug/l	97
94) Hexachlorobutadiene	13.762	225	10812	6.25	ug/l	98
95) Naphthalene	13.817	128	64319	4.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	21478	5.53	ug/l	98

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

