

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016934.D
 Acq On : 23 Jun 2020 16:53
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:54:34 AM

Quant Time: Jun 24 00:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	205660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	61187	18.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.62%	
35) Dibromofluoromethane	5.47	113	47431	18.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.24%	
50) Toluene-d8	8.70	98	166915	18.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.16%	
62) 4-Bromofluorobenzene	11.12	95	58451	16.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	54784	22.842	ug/l	100
3) Chloromethane	1.32	50	39990	17.711	ug/l	97
4) Vinyl Chloride	1.40	62	42222	18.703	ug/l	97
5) Bromomethane	1.64	94	24629	20.287	ug/l	96
6) Chloroethane	1.71	64	28136	17.209	ug/l	99
7) Trichlorofluoromethane	1.92	101	72079	18.101	ug/l	99
8) Diethyl Ether	2.17	74	26885	17.757	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36815	16.578	ug/l	97
10) Methyl Iodide	2.50	142	55071	19.226	ug/l	97
11) Tert butyl alcohol	3.01	59	67088	98.242	ug/l	100
12) 1,1-Dichloroethene	2.35	96	35291	16.881	ug/l	95
13) Acrolein	2.28	56	31127	86.501	ug/l	96
14) Allyl chloride	2.71	41	89727	18.757	ug/l	98
15) Acrylonitrile	3.12	53	143407	96.137	ug/l	99
16) Acetone	2.42	43	107767	87.304	ug/l	99
17) Carbon Disulfide	2.55	76	115099	17.507	ug/l	97
18) Methyl Acetate	2.75	43	77704	19.010	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	167714	18.559	ug/l	97
20) Methylene Chloride	2.84	84	54891	17.826	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	47121	18.079	ug/l	99
22) Diisopropyl ether	3.83	45	148843	17.688	ug/l	92
23) Vinyl Acetate	3.79	43	634391	93.347	ug/l	96
24) 1,1-Dichloroethane	3.67	63	93518	19.299	ug/l	99
25) 2-Butanone	4.64	43	167359	85.910	ug/l	96
26) 2,2-Dichloropropane	4.55	77	69559	16.329	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	46316	15.798	ug/l	98
28) Bromochloromethane	4.98	49	42805	17.008	ug/l	97
29) Tetrahydrofuran	5.09	42	125256	104.725	ug/l	99
30) Chloroform	5.18	83	92954	18.209	ug/l	95
31) Cyclohexane	5.55	56	76008	19.689	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	83959	18.761	ug/l	98
36) 1,1-Dichloropropene	5.78	75	68106	19.189	ug/l	100
37) Ethyl Acetate	4.80	43	71753	18.400	ug/l	98
38) Carbon Tetrachloride	5.76	117	74943	19.746	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	73214	18.717	ug/l	98
40) Benzene	6.12	78	192464	18.926	ug/l	97
41) Methacrylonitrile	5.00	41	42805	18.843	ug/l	97
42) 1,2-Dichloroethane	6.17	62	80456	19.275	ug/l	99
43) Isopropyl Acetate	6.41	43	107836	15.871	ug/l	100
44) Trichloroethene	7.19	130	53213	18.695	ug/l	96
45) 1,2-Dichloropropane	7.49	63	53446	18.970	ug/l	96
46) Dibromomethane	7.64	93	36811	18.904	ug/l	98
47) Bromodichloromethane	7.87	83	75511	18.489	ug/l	97
48) Methyl methacrylate	7.74	41	59117	18.712	ug/l	99
49) 1,4-Dioxane	7.71	88	25869	380.717	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	352885	89.164	ug/l	100
52) Toluene	8.76	92	115982	18.567	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	85956	18.285	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	83947	18.506	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	53557	18.931	ug/l	98
56) Ethyl methacrylate	9.16	69	78195	17.844	ug/l	99
57) 1,3-Dichloropropane	9.35	76	87683	18.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	190510	106.135	ug/l	100
59) 2-Hexanone	9.47	43	301949	99.633	ug/l	99
60) Dibromochloromethane	9.57	129	61012	19.714	ug/l	98
61) 1,2-Dibromoethane	9.65	107	56910	19.538	ug/l	99
64) Tetrachloroethene	9.32	164	45310	19.078	ug/l	97
65) Chlorobenzene	10.12	112	134339	18.798	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	53468	19.316	ug/l	95
67) Ethyl Benzene	10.24	91	236103	18.474	ug/l	100
68) m/p-Xylenes	10.34	106	176659	37.639	ug/l	99
69) o-Xylene	10.68	106	87664	19.553	ug/l	98
70) Styrene	10.69	104	148586	19.473	ug/l	98
71) Bromoform	10.84	173	38777	18.839	ug/l #	100
73) Isopropylbenzene	11.00	105	237156	19.791	ug/l	99
74) N-amyl acetate	10.88	43	108242	18.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74552	18.593	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	75717m	16.377	ug/l	
77) Bromobenzene	11.24	156	55538	18.877	ug/l	96
78) n-propylbenzene	11.34	91	226280	16.563	ug/l	100
79) 2-Chlorotoluene	11.40	91	148470	17.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	178936	17.730	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	29520	19.004	ug/l	99
82) 4-Chlorotoluene	11.49	91	174189	16.822	ug/l	99
83) tert-Butylbenzene	11.76	119	184445	18.667	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	197025	19.650	ug/l	99
85) sec-Butylbenzene	11.93	105	209180	18.766	ug/l	100
86) p-Isopropyltoluene	12.05	119	202466	19.625	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	94343	17.830	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	101148	19.055	ug/l	97
89) n-Butylbenzene	12.37	91	172484	17.658	ug/l	98
90) Hexachloroethane	12.58	117	34714	17.129	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	87779	17.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18166	17.648	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	55835	16.763	ug/l	98
94) Hexachlorobutadiene	13.77	225	20818	17.915	ug/l	97
95) Naphthalene	13.82	128	217639	19.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	58300	18.095	ug/l	99

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

