

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016799.D
 Acq On : 17 Jun 2020 00:11
 Operator : JC/SP
 Sample : VX0616WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:35:10 AM

Quant Time: Jun 17 06:49:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163230	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	5.47	113	137724	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.70	98	531540	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.12	95	199140	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	62828	19.365	ug/l	98
3) Chloromethane	1.31	50	59731	18.965	ug/l	98
4) Vinyl Chloride	1.39	62	69298	20.620	ug/l	98
5) Bromomethane	1.63	94	46662	22.357	ug/l	99
6) Chloroethane	1.71	64	47040	22.723	ug/l	93
7) Trichlorofluoromethane	1.92	101	101231	20.915	ug/l	94
8) Diethyl Ether	2.17	74	40194	20.336	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51484	20.907	ug/l	99
10) Methyl Iodide	2.49	142	44380	14.419	ug/l	98
11) Tert butyl alcohol	3.01	59	76935	94.367	ug/l	100
12) 1,1-Dichloroethene	2.36	96	54951	19.487	ug/l	97
13) Acrolein	2.27	56	31610	92.526	ug/l	98
14) Allyl chloride	2.71	41	89200	20.225	ug/l	95
15) Acrylonitrile	3.12	53	158205	95.631	ug/l	99
16) Acetone	2.42	43	143961	97.795	ug/l	98
17) Carbon Disulfide	2.55	76	156407	19.367	ug/l	100
18) Methyl Acetate	2.75	43	84095	21.403	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	179899	18.718	ug/l	96
20) Methylene Chloride	2.83	84	62548	19.726	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	56536	18.657	ug/l	98
22) Diisopropyl ether	3.82	45	160330	19.354	ug/l	98
23) Vinyl Acetate	3.78	43	680897	95.094	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96425	18.610	ug/l	98
25) 2-Butanone	4.64	43	214975	96.899	ug/l	97
26) 2,2-Dichloropropane	4.56	77	70726	14.742	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	63525	18.341	ug/l	98
28) Bromochloromethane	4.98	49	45806	20.724	ug/l	99
29) Tetrahydrofuran	5.09	42	140383	97.678	ug/l	98
30) Chloroform	5.18	83	100567	18.346	ug/l	96
31) Cyclohexane	5.55	56	82128	20.106	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92439	18.584	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73786	18.623	ug/l	97
37) Ethyl Acetate	4.79	43	82353	18.979	ug/l	98
38) Carbon Tetrachloride	5.76	117	81702	18.157	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83354	18.749	ug/l	97
40) Benzene	6.12	78	227054	18.821	ug/l	100
41) Methacrylonitrile	5.01	41	44473	19.223	ug/l	99
42) 1,2-Dichloroethane	6.17	62	77666	17.639	ug/l	98
43) Isopropyl Acetate	6.42	43	129292	19.012	ug/l	99
44) Trichloroethene	7.19	130	76209	20.423	ug/l	99
45) 1,2-Dichloropropane	7.49	63	56450	19.089	ug/l	100
46) Dibromomethane	7.64	93	40096	18.603	ug/l	99
47) Bromodichloromethane	7.87	83	81447	18.126	ug/l	95
48) Methyl methacrylate	7.74	41	60618	18.807	ug/l	99
49) 1,4-Dioxane	7.71	88	31062	389.420	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	412274	98.382	ug/l	100
52) Toluene	8.77	92	147085	18.771	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	89563	17.647	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	95163	17.976	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	59535	18.892	ug/l	97
56) Ethyl methacrylate	9.16	69	90945	19.275	ug/l	98
57) 1,3-Dichloropropane	9.35	76	99247	18.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	224270	96.673	ug/l	100
59) 2-Hexanone	9.47	43	318737	98.529	ug/l	100
60) Dibromochloromethane	9.57	129	68878	18.494	ug/l	100
61) 1,2-Dibromoethane	9.65	107	64465	18.770	ug/l	96
64) Tetrachloroethene	9.32	164	81790	20.281	ug/l	98
65) Chlorobenzene	10.12	112	160112	18.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	61903	18.210	ug/l	98
67) Ethyl Benzene	10.24	91	273692	18.999	ug/l	98
68) m/p-Xylenes	10.34	106	209559	38.366	ug/l	99
69) o-Xylene	10.68	106	101917	19.368	ug/l	98
70) Styrene	10.70	104	175925	19.340	ug/l	99
71) Bromoform	10.84	173	53819	18.555	ug/l #	99
73) Isopropylbenzene	11.00	105	271507	19.579	ug/l	99
74) N-amyl acetate	10.88	43	106662	19.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	75927	18.613	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	90965m	20.468	ug/l	
77) Bromobenzene	11.24	156	80192	20.481	ug/l	99
78) n-propylbenzene	11.34	91	314920	20.912	ug/l	99
79) 2-Chlorotoluene	11.40	91	192821	20.248	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	228557	19.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	29170	16.523	ug/l	97
82) 4-Chlorotoluene	11.49	91	218110	19.567	ug/l	100
83) tert-Butylbenzene	11.76	119	205195	19.291	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	227263	19.326	ug/l	99
85) sec-Butylbenzene	11.93	105	244266	19.632	ug/l	100
86) p-Isopropyltoluene	12.05	119	233628	19.570	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	126215	19.067	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	127911	18.633	ug/l	99
89) n-Butylbenzene	12.37	91	188120	19.089	ug/l	100
90) Hexachloroethane	12.58	117	40528	18.410	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	123432	18.646	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20743	18.184	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86941	18.755	ug/l	99
94) Hexachlorobutadiene	13.76	225	39226	19.484	ug/l	98
95) Naphthalene	13.82	128	284403	19.583	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	88838	19.470	ug/l	100

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

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