

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016754.D
 Acq On : 15 Jun 2020 15:14
 Operator : JC/SP
 Sample : VX0615WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:18 PM

Quant Time: Jun 16 03:34:28 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	271856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	402351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	146001	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.46	113	119566	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.70	98	462064	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	171153	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	57403	18.781	ug/l	98
3) Chloromethane	1.31	50	55329	18.644	ug/l	98
4) Vinyl Chloride	1.39	62	58027	18.325	ug/l	97
5) Bromomethane	1.63	94	38650	19.653	ug/l	99
6) Chloroethane	1.71	64	34989	17.938	ug/l	99
7) Trichlorofluoromethane	1.92	101	84666	18.564	ug/l	98
8) Diethyl Ether	2.17	74	31898	17.127	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46791	20.166	ug/l	97
10) Methyl Iodide	2.49	142	44171	15.231	ug/l	99
11) Tert butyl alcohol	3.00	59	64621	84.121	ug/l	99
12) 1,1-Dichloroethene	2.36	96	47119	17.733	ug/l	97
13) Acrolein	2.27	56	29737	92.381	ug/l	99
14) Allyl chloride	2.71	41	72425	17.428	ug/l	98
15) Acrylonitrile	3.11	53	129847	83.300	ug/l	100
16) Acetone	2.42	43	117824	84.945	ug/l	98
17) Carbon Disulfide	2.55	76	137220	18.032	ug/l	100
18) Methyl Acetate	2.75	43	64757	17.491	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	155290	17.148	ug/l	98
20) Methylene Chloride	2.83	84	51080	17.097	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	49091	17.193	ug/l	98
22) Diisopropyl ether	3.82	45	137972	17.676	ug/l	93
23) Vinyl Acetate	3.78	43	577254	85.560	ug/l	100
24) 1,1-Dichloroethane	3.67	63	82865	16.973	ug/l	99
25) 2-Butanone	4.63	43	173725	83.104	ug/l	100
26) 2,2-Dichloropropane	4.54	77	80666	17.844	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	54383	16.664	ug/l	99
28) Bromochloromethane	4.98	49	45266	21.735	ug/l	98
29) Tetrahydrofuran	5.09	42	112780	83.281	ug/l	99
30) Chloroform	5.17	83	88000	17.037	ug/l	99
31) Cyclohexane	5.54	56	72220	18.810	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	82291	17.558	ug/l	98
36) 1,1-Dichloropropene	5.76	75	65762	18.495	ug/l	98
37) Ethyl Acetate	4.79	43	68148	17.501	ug/l	99
38) Carbon Tetrachloride	5.75	117	74522	18.454	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76262	19.096	ug/l	99
40) Benzene	6.11	78	194086	17.928	ug/l	97
41) Methacrylonitrile	4.99	41	36533	17.596	ug/l	98
42) 1,2-Dichloroethane	6.16	62	70120	17.746	ug/l	99
43) Isopropyl Acetate	6.41	43	106894	17.516	ug/l	99
44) Trichloroethene	7.19	130	62083	18.539	ug/l	96
45) 1,2-Dichloropropane	7.49	63	48069	18.113	ug/l	93
46) Dibromomethane	7.63	93	33834	17.492	ug/l	99
47) Bromodichloromethane	7.87	83	70170	17.401	ug/l	100
48) Methyl methacrylate	7.74	41	50676	17.520	ug/l	100
49) 1,4-Dioxane	7.71	88	25592	357.524	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	331978	88.278	ug/l	100
52) Toluene	8.76	92	126667	18.013	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79587	17.474	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	83736	17.626	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	49328	17.443	ug/l	96
56) Ethyl methacrylate	9.16	69	74018	17.481	ug/l	99
57) 1,3-Dichloropropane	9.35	76	82650	17.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	191216	91.848	ug/l	99
59) 2-Hexanone	9.47	43	256065	88.205	ug/l	100
60) Dibromochloromethane	9.56	129	58622	17.540	ug/l	100
61) 1,2-Dibromoethane	9.65	107	52473	17.025	ug/l	99
64) Tetrachloroethene	9.32	164	66669	18.711	ug/l	98
65) Chlorobenzene	10.12	112	135076	17.940	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	53814	17.916	ug/l	98
67) Ethyl Benzene	10.23	91	238488	18.737	ug/l	98
68) m/p-Xylenes	10.34	106	179253	37.143	ug/l	99
69) o-Xylene	10.68	106	83804	18.025	ug/l	97
70) Styrene	10.70	104	147146	18.308	ug/l	99
71) Bromoform	10.84	173	45304	17.678	ug/l #	99
73) Isopropylbenzene	11.00	105	228985	18.658	ug/l	99
74) N-amyl acetate	10.88	43	86897	18.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	62449	17.299	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	69966m	17.788	ug/l	
77) Bromobenzene	11.24	156	62095	17.920	ug/l	99
78) n-propylbenzene	11.34	91	254728	19.113	ug/l	100
79) 2-Chlorotoluene	11.40	91	154964	18.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	192822	18.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	26569	17.005	ug/l	98
82) 4-Chlorotoluene	11.49	91	186875	18.944	ug/l	99
83) tert-Butylbenzene	11.76	119	177169	18.821	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	195064	18.743	ug/l	99
85) sec-Butylbenzene	11.93	105	212927	19.337	ug/l	99
86) p-Isopropyltoluene	12.05	119	202626	19.179	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	105345	17.982	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	108385	17.841	ug/l	99
89) n-Butylbenzene	12.37	91	163645	18.763	ug/l	99
90) Hexachloroethane	12.58	117	35093	18.012	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	102680	17.527	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17349	17.185	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73376	17.885	ug/l	98
94) Hexachlorobutadiene	13.76	225	34730	19.492	ug/l	99
95) Naphthalene	13.82	128	225126	17.516	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	74028	18.333	ug/l	99

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

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