

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016849.D
 Acq On : 18 Jun 2020 20:07
 Operator : JC/SP
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:20 PM

Quant Time: Jun 19 12:24:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	521022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173325	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	5.46	113	128046	38.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.84%	
50) Toluene-d8	8.70	98	485264	36.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.78%	
62) 4-Bromofluorobenzene	11.12	95	184573	36.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	76606	23.076	ug/l	98
3) Chloromethane	1.31	50	76263	22.656	ug/l	100
4) Vinyl Chloride	1.39	62	80831	21.306	ug/l	99
5) Bromomethane	1.63	94	54207	23.730	ug/l	99
6) Chloroethane	1.72	64	47277	20.234	ug/l	99
7) Trichlorofluoromethane	1.92	101	107455	20.247	ug/l	99
8) Diethyl Ether	2.17	74	41598	20.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48654	17.211	ug/l	99
10) Methyl Iodide	2.50	142	49565	18.417	ug/l	98
11) Tert butyl alcohol	3.01	59	56926	103.506	ug/l	99
12) 1,1-Dichloroethene	2.36	96	50374	17.426	ug/l	99
13) Acrolein	2.27	56	29768	89.273	ug/l	98
14) Allyl chloride	2.71	41	77932	20.381	ug/l	97
15) Acrylonitrile	3.12	53	132726	105.311	ug/l	100
16) Acetone	2.42	43	104984	88.893	ug/l	99
17) Carbon Disulfide	2.55	76	141985	19.006	ug/l	98
18) Methyl Acetate	2.75	43	65458	21.796	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	171816	20.856	ug/l	99
20) Methylene Chloride	2.84	84	55348	19.543	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	54609	20.013	ug/l	98
22) Diisopropyl ether	3.82	45	152309	20.790	ug/l	99
23) Vinyl Acetate	3.79	43	631632	104.559	ug/l	99
24) 1,1-Dichloroethane	3.67	63	92831	20.286	ug/l	98
25) 2-Butanone	4.64	43	170713	105.030	ug/l	99
26) 2,2-Dichloropropane	4.55	77	80724	18.828	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	60810	19.827	ug/l	100
28) Bromochloromethane	4.98	49	38676	20.363	ug/l	99
29) Tetrahydrofuran	5.09	42	111048	108.482	ug/l	99
30) Chloroform	5.18	83	96299	19.933	ug/l	95
31) Cyclohexane	5.55	56	82844	20.592	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	91892	20.096	ug/l	100
36) 1,1-Dichloropropene	5.77	75	80830	16.802	ug/l	98
37) Ethyl Acetate	4.79	43	69629	16.381	ug/l	99
38) Carbon Tetrachloride	5.75	117	86172	15.964	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	102068	18.247	ug/l	98
40) Benzene	6.12	78	275881	19.112	ug/l	100
41) Methacrylonitrile	5.00	41	37573	16.282	ug/l	99
42) 1,2-Dichloroethane	6.16	62	94397	18.377	ug/l	99
43) Isopropyl Acetate	6.41	43	148664	20.028	ug/l	99
44) Trichloroethene	7.19	130	80392	18.185	ug/l	97
45) 1,2-Dichloropropane	7.49	63	64872	17.877	ug/l	96
46) Dibromomethane	7.64	93	40849	16.599	ug/l	98
47) Bromodichloromethane	7.88	83	77986	14.900	ug/l	97
48) Methyl methacrylate	7.74	41	56982	16.302	ug/l	99
49) 1,4-Dioxane	7.71	88	26803	342.565	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	336489	75.370	ug/l	99
52) Toluene	8.76	92	140504	14.673	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84675	14.716	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	94104	15.288	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55785	15.429	ug/l	99
56) Ethyl methacrylate	9.16	69	81428	15.557	ug/l	99
57) 1,3-Dichloropropane	9.35	76	92668	15.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	195859	80.421	ug/l	99
59) 2-Hexanone	9.47	43	249587	77.199	ug/l	98
60) Dibromochloromethane	9.57	129	65305	15.057	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58609	14.937	ug/l	98
64) Tetrachloroethene	9.32	164	69851	19.183	ug/l	97
65) Chlorobenzene	10.12	112	151283	18.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	59721	19.352	ug/l	99
67) Ethyl Benzene	10.24	91	260508	19.390	ug/l	100
68) m/p-Xylenes	10.34	106	199104	38.084	ug/l	100
69) o-Xylene	10.68	106	96663	19.996	ug/l	99
70) Styrene	10.70	104	168112	20.467	ug/l	99
71) Bromoform	10.84	173	51174	19.723	ug/l #	100
73) Isopropylbenzene	11.00	105	261592	19.650	ug/l	100
74) N-amyl acetate	10.88	43	96745	20.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	72344	19.245	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	75245m	19.926	ug/l	
77) Bromobenzene	11.24	156	71118	19.588	ug/l	97
78) n-propylbenzene	11.34	91	289588	19.491	ug/l	100
79) 2-Chlorotoluene	11.40	91	176073	19.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224834	19.574	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27752	17.997	ug/l	98
82) 4-Chlorotoluene	11.49	91	209802	19.238	ug/l	100
83) tert-Butylbenzene	11.76	119	209989	18.477	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	227493	19.227	ug/l	99
85) sec-Butylbenzene	11.93	105	250332	18.966	ug/l	99
86) p-Isopropyltoluene	12.05	119	235564	19.479	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	126271	19.036	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	126118	18.800	ug/l	98
89) n-Butylbenzene	12.37	91	193607	18.669	ug/l	100
90) Hexachloroethane	12.58	117	45760	21.006	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	118991	18.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17022	19.097	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	83264	19.364	ug/l	99
94) Hexachlorobutadiene	13.77	225	38099	19.635	ug/l	98
95) Naphthalene	13.82	128	259721	20.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	83971	19.582	ug/l	100

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

