

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016901.D
 Acq On : 20 Jun 2020 02:29
 Operator : JC/SP
 Sample : VX0619WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:42 PM

Quant Time: Jun 22 06:41:45 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	236050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	150552	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	5.46	113	126273	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
50) Toluene-d8	8.70	98	452898	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	
62) 4-Bromofluorobenzene	11.12	95	183711	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	53650	18.520	ug/l	97
3) Chloromethane	1.31	50	55595	18.927	ug/l	99
4) Vinyl Chloride	1.39	62	70387	21.261	ug/l	100
5) Bromomethane	1.63	94	44892	22.521	ug/l	99
6) Chloroethane	1.72	64	41946	20.572	ug/l	98
7) Trichlorofluoromethane	1.92	101	85975	18.564	ug/l	100
8) Diethyl Ether	2.17	74	41300	22.936	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47480	19.247	ug/l	96
10) Methyl Iodide	2.50	142	35955	15.310	ug/l	98
11) Tert butyl alcohol	3.01	59	57790	120.415	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49650	19.683	ug/l	89
13) Acrolein	2.27	56	38868	133.579	ug/l	96
14) Allyl chloride	2.71	41	69465	20.819	ug/l	97
15) Acrylonitrile	3.11	53	134138	121.967	ug/l	99
16) Acetone	2.42	43	134360	130.374	ug/l	99
17) Carbon Disulfide	2.55	76	116850	17.924	ug/l	99
18) Methyl Acetate	2.75	43	65820	25.116	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	167274	23.269	ug/l	99
20) Methylene Chloride	2.84	84	52980	21.437	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	48297	20.283	ug/l	99
22) Diisopropyl ether	3.82	45	156852	24.536	ug/l	99
23) Vinyl Acetate	3.78	43	658625	124.941	ug/l	99
24) 1,1-Dichloroethane	3.67	63	90747	22.725	ug/l	99
25) 2-Butanone	4.64	43	216666	152.760	ug/l	95
26) 2,2-Dichloropropane	4.55	77	70709	18.900	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	70773	26.444	ug/l	99
28) Bromochloromethane	4.98	49	47362	28.576	ug/l	93
29) Tetrahydrofuran	5.09	42	138889	155.485	ug/l	96
30) Chloroform	5.17	83	99769	23.665	ug/l	96
31) Cyclohexane	5.55	56	67250	19.156	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	79621	19.954	ug/l	99
36) 1,1-Dichloropropene	5.77	75	61171	14.667	ug/l	100
37) Ethyl Acetate	4.79	43	85154	23.109	ug/l	99
38) Carbon Tetrachloride	5.76	117	66616	14.235	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	68689	14.165	ug/l	97
40) Benzene	6.11	78	201161	16.075	ug/l	100
41) Methacrylonitrile	5.00	41	44683	22.336	ug/l	97
42) 1,2-Dichloroethane	6.17	62	73488	16.503	ug/l	100
43) Isopropyl Acetate	6.41	43	113865	17.695	ug/l	99
44) Trichloroethene	7.19	130	66647	17.390	ug/l	98
45) 1,2-Dichloropropane	7.49	63	55801	17.738	ug/l	99
46) Dibromomethane	7.64	93	36500	17.109	ug/l	99
47) Bromodichloromethane	7.87	83	74115	16.334	ug/l	99
48) Methyl methacrylate	7.74	41	53363	17.611	ug/l	99
49) 1,4-Dioxane	7.71	88	25437	375.010	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	343351	88.713	ug/l	100
52) Toluene	8.76	92	129722	15.626	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	81876	16.414	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	86741	16.254	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55967	17.856	ug/l	99
56) Ethyl methacrylate	9.16	69	80957	17.842	ug/l	99
57) 1,3-Dichloropropane	9.35	76	92211	17.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	192910	91.368	ug/l	98
59) 2-Hexanone	9.47	43	254916	90.951	ug/l	99
60) Dibromochloromethane	9.56	129	71848	19.108	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68138	20.032	ug/l	100
64) Tetrachloroethene	9.32	164	61747	15.501	ug/l	98
65) Chlorobenzene	10.12	112	161929	18.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	64261	19.034	ug/l	99
67) Ethyl Benzene	10.23	91	274941	18.707	ug/l	99
68) m/p-Xylenes	10.34	106	205089	35.859	ug/l	99
69) o-Xylene	10.68	106	95227	18.007	ug/l	99
70) Styrene	10.70	104	170045	18.924	ug/l	99
71) Bromoform	10.84	173	50807	17.900	ug/l #	99
73) Isopropylbenzene	11.00	105	235563	19.523	ug/l	100
74) N-amyl acetate	10.88	43	101988	24.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	74211	21.781	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	76266m	22.283	ug/l	
77) Bromobenzene	11.24	156	65255	19.830	ug/l	96
78) n-propylbenzene	11.34	91	253999	18.862	ug/l	99
79) 2-Chlorotoluene	11.40	91	161629	19.618	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	198055	19.025	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26437	18.916	ug/l	97
82) 4-Chlorotoluene	11.49	91	191920	19.417	ug/l	100
83) tert-Butylbenzene	11.76	119	181017	17.574	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	200255	18.674	ug/l	99
85) sec-Butylbenzene	11.93	105	206818	17.288	ug/l	99
86) p-Isopropyltoluene	12.05	119	197473	18.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113387	18.860	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	113814	18.719	ug/l	97
89) n-Butylbenzene	12.37	91	155006	16.492	ug/l	100
90) Hexachloroethane	12.58	117	34889	17.671	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	111344	19.185	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17140	21.217	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84275	21.624	ug/l	98
94) Hexachlorobutadiene	13.77	225	28020	15.933	ug/l	97
95) Naphthalene	13.82	128	260621	22.778	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	76666	19.726	ug/l	97

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

