

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016431.D
 Acq On : 26 May 2020 17:41
 Operator : JC/SP
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:28:05 PM

Quant Time: May 27 05:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	140579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	233691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	226760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	110611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	90712	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.46	113	69151	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	8.70	98	272510	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.12	95	99765	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	21195	18.578	ug/l	98
3) Chloromethane	1.31	50	29455	21.115	ug/l	99
4) Vinyl Chloride	1.39	62	39420	21.393	ug/l	98
5) Bromomethane	1.63	94	30949	15.612	ug/l	100
6) Chloroethane	1.71	64	28332	20.849	ug/l	98
7) Trichlorofluoromethane	1.92	101	67283	21.946	ug/l	99
8) Diethyl Ether	2.17	74	26271	21.022	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	25178	18.899	ug/l	99
10) Methyl Iodide	2.49	142	21431	18.301	ug/l	98
11) Tert butyl alcohol	3.01	59	38904	92.423	ug/l	97
12) 1,1-Dichloroethene	2.35	96	24338	17.865	ug/l	92
13) Acrolein	2.27	56	25601	113.612	ug/l	98
14) Allyl chloride	2.70	41	41740	18.754	ug/l	99
15) Acrylonitrile	3.11	53	79284	94.590	ug/l	99
16) Acetone	2.42	43	70577	97.308	ug/l	96
17) Carbon Disulfide	2.55	76	73644	18.267	ug/l	99
18) Methyl Acetate	2.75	43	33907	19.169	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	89668	18.884	ug/l	97
20) Methylene Chloride	2.83	84	28491	18.211	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	27912	18.029	ug/l	95
22) Diisopropyl ether	3.82	45	85354	19.038	ug/l	# 87
23) Vinyl Acetate	3.78	43	385234	96.084	ug/l	98
24) 1,1-Dichloroethane	3.67	63	49519	18.622	ug/l	99
25) 2-Butanone	4.64	43	111572	94.675	ug/l	99
26) 2,2-Dichloropropane	4.55	77	47931	19.830	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	33338	18.900	ug/l	96
28) Bromochloromethane	4.98	49	25151	19.731	ug/l	92
29) Tetrahydrofuran	5.08	42	72375	94.759	ug/l	99
30) Chloroform	5.17	83	54563	19.526	ug/l	90
31) Cyclohexane	5.55	56	43238	19.158	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	49421	19.315	ug/l	98
36) 1,1-Dichloropropene	5.77	75	39723	19.174	ug/l	98
37) Ethyl Acetate	4.79	43	43431	18.969	ug/l	99
38) Carbon Tetrachloride	5.76	117	42558	18.954	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	44346	19.326	ug/l	96
40) Benzene	6.11	78	118367	19.143	ug/l	99
41) Methacrylonitrile	5.00	41	22197	18.132	ug/l	96
42) 1,2-Dichloroethane	6.16	62	45206	20.029	ug/l	99
43) Isopropyl Acetate	6.41	43	72499	19.740	ug/l	99
44) Trichloroethene	7.19	130	37470	18.487	ug/l	99
45) 1,2-Dichloropropane	7.49	63	29921	19.375	ug/l	92
46) Dibromomethane	7.64	93	21207	18.846	ug/l	95
47) Bromodichloromethane	7.87	83	42832	18.846	ug/l	95
48) Methyl methacrylate	7.74	41	31191	18.637	ug/l	99
49) 1,4-Dioxane	7.71	88	15431	358.305	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	218513	94.142	ug/l	99
52) Toluene	8.76	92	75530	19.037	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	48670	18.816	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	48948	18.407	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	30152	18.637	ug/l	96
56) Ethyl methacrylate	9.16	69	45650	18.750	ug/l	97
57) 1,3-Dichloropropane	9.35	76	50726	18.910	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	112281	86.461	ug/l	98
59) 2-Hexanone	9.47	43	171822	96.137	ug/l	98
60) Dibromochloromethane	9.57	129	34396	18.488	ug/l	97
61) 1,2-Dibromoethane	9.65	107	33286	18.747	ug/l	98
64) Tetrachloroethene	9.32	164	41899	17.736	ug/l	95
65) Chlorobenzene	10.12	112	82372	18.414	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	31097	17.903	ug/l	99
67) Ethyl Benzene	10.24	91	145970	18.740	ug/l	99
68) m/p-Xylenes	10.34	106	112419	36.908	ug/l	99
69) o-Xylene	10.68	106	53378	18.441	ug/l	99
70) Styrene	10.69	104	88404	18.091	ug/l	99
71) Bromoform	10.84	173	23426	16.337	ug/l #	100
73) Isopropylbenzene	11.00	105	138989	18.612	ug/l	100
74) N-amyl acetate	10.88	43	58628	18.456	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	34735	18.413	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	43871m	19.110	ug/l	
77) Bromobenzene	11.24	156	34000	17.583	ug/l	93
78) n-propylbenzene	11.34	91	157335	18.635	ug/l	99
79) 2-Chlorotoluene	11.40	91	95413	18.996	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	117029	18.744	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	17061	17.871	ug/l	94
82) 4-Chlorotoluene	11.49	91	113722	18.825	ug/l	98
83) tert-Butylbenzene	11.76	119	98733	18.493	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	118744	18.872	ug/l	99
85) sec-Butylbenzene	11.93	105	126893	18.761	ug/l	98
86) p-Isopropyltoluene	12.05	119	118067	18.685	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	61460	17.904	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	62754	18.060	ug/l	97
89) n-Butylbenzene	12.37	91	102250	18.652	ug/l	97
90) Hexachloroethane	12.58	117	21310	18.609	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	61516	18.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11195	19.178	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	34547	16.408	ug/l	99
94) Hexachlorobutadiene	13.77	225	13135	17.301	ug/l	95
95) Naphthalene	13.82	128	129516	17.167	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	35348	17.370	ug/l	97

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

