

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016432.D
 Acq On : 26 May 2020 18:04
 Operator : JC/SP
 Sample : VX0526WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:28:08 PM

Quant Time: May 27 05:50:35 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	133742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	229464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	220252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	104549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	91791	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	5.47	113	71068	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	280934	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	101065	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	20848	19.208	ug/l	100
3) Chloromethane	1.32	50	29578	22.287	ug/l	100
4) Vinyl Chloride	1.39	62	38925	22.205	ug/l	97
5) Bromomethane	1.63	94	29340	15.567	ug/l	92
6) Chloroethane	1.71	64	28048	21.695	ug/l	99
7) Trichlorofluoromethane	1.92	101	65430	22.432	ug/l	97
8) Diethyl Ether	2.17	74	26160	22.004	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25208	19.889	ug/l	99
10) Methyl Iodide	2.49	142	22631	19.688	ug/l	98
11) Tert butyl alcohol	3.01	59	40994	102.366	ug/l	99
12) 1,1-Dichloroethene	2.35	96	25420	19.613	ug/l	96
13) Acrolein	2.27	56	24453	114.121	ug/l	99
14) Allyl chloride	2.71	41	42178	19.920	ug/l	98
15) Acrylonitrile	3.12	53	80697	101.197	ug/l	98
16) Acetone	2.42	43	73363	106.320	ug/l	98
17) Carbon Disulfide	2.55	76	74542	19.435	ug/l	98
18) Methyl Acetate	2.75	43	35755	21.247	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	92473	20.471	ug/l	99
20) Methylene Chloride	2.84	84	29548	19.852	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	29204	19.827	ug/l	98
22) Diisopropyl ether	3.82	45	86458	20.270	ug/l	98
23) Vinyl Acetate	3.79	43	379683	99.540	ug/l	99
24) 1,1-Dichloroethane	3.67	63	50884	20.113	ug/l	99
25) 2-Butanone	4.63	43	114484	102.112	ug/l	98
26) 2,2-Dichloropropane	4.56	77	46416	20.185	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	32183	19.178	ug/l	95
28) Bromochloromethane	4.99	49	24931	20.558	ug/l	94
29) Tetrahydrofuran	5.09	42	74868	103.034	ug/l	99
30) Chloroform	5.18	83	54534	20.513	ug/l	99
31) Cyclohexane	5.56	56	42831	19.948	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	49899	20.499	ug/l	98
36) 1,1-Dichloropropene	5.77	75	39660	19.496	ug/l	98
37) Ethyl Acetate	4.79	43	44807	19.931	ug/l	98
38) Carbon Tetrachloride	5.76	117	42198	19.140	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	42396	18.817	ug/l	97
40) Benzene	6.12	78	117746	19.393	ug/l	99
41) Methacrylonitrile	5.00	41	22485	18.705	ug/l	95
42) 1,2-Dichloroethane	6.17	62	43714	19.724	ug/l	99
43) Isopropyl Acetate	6.42	43	70835	19.642	ug/l	99
44) Trichloroethene	7.19	130	37351	18.768	ug/l	95
45) 1,2-Dichloropropane	7.49	63	29715	19.596	ug/l	98
46) Dibromomethane	7.64	93	21249	19.231	ug/l	94
47) Bromodichloromethane	7.88	83	43464	19.476	ug/l	91
48) Methyl methacrylate	7.74	41	31313	19.054	ug/l	98
49) 1,4-Dioxane	7.71	88	16347	386.567	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	223948	98.260	ug/l	98
52) Toluene	8.77	92	77018	19.769	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	48377	19.048	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	50675	19.407	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	31077	19.562	ug/l	95
56) Ethyl methacrylate	9.16	69	45273	18.938	ug/l	97
57) 1,3-Dichloropropane	9.35	76	51786	19.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	119166	93.453	ug/l	98
59) 2-Hexanone	9.48	43	172983	98.570	ug/l	100
60) Dibromochloromethane	9.57	129	33095	18.117	ug/l	97
61) 1,2-Dibromoethane	9.65	107	33643	19.298	ug/l	98
64) Tetrachloroethene	9.32	164	40498	17.650	ug/l	93
65) Chlorobenzene	10.12	112	83425	19.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	31928	18.925	ug/l	97
67) Ethyl Benzene	10.24	91	144248	19.066	ug/l	100
68) m/p-Xylenes	10.34	106	112572	38.050	ug/l	100
69) o-Xylene	10.68	106	53354	18.977	ug/l	98
70) Styrene	10.69	104	87205	18.373	ug/l	99
71) Bromoform	10.84	173	24438	17.546	ug/l #	97
73) Isopropylbenzene	11.01	105	138832	19.669	ug/l	99
74) N-amyl acetate	10.88	43	58172	19.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	35016	19.639	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	43459m	20.028	ug/l	
77) Bromobenzene	11.24	156	34859	19.073	ug/l	95
78) n-propylbenzene	11.34	91	156695	19.635	ug/l	98
79) 2-Chlorotoluene	11.40	91	94771	19.962	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	114701	19.437	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	16892	18.720	ug/l	96
82) 4-Chlorotoluene	11.49	91	111876	19.594	ug/l	99
83) tert-Butylbenzene	11.76	119	96667	19.156	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	115099	19.354	ug/l	99
85) sec-Butylbenzene	11.93	105	124742	19.513	ug/l	98
86) p-Isopropyltoluene	12.05	119	115453	19.331	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	62104	19.141	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	64278	19.571	ug/l	98
89) n-Butylbenzene	12.37	91	98157	18.943	ug/l	98
90) Hexachloroethane	12.58	117	20067	18.540	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	60741	18.998	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11482	20.811	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	34377	17.274	ug/l	99
94) Hexachlorobutadiene	13.77	225	12264	17.090	ug/l	99
95) Naphthalene	13.82	128	134299	18.833	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	34632	18.005	ug/l	99

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

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