

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016560.D
 Acq On : 03 Jun 2020 12:08
 Operator : JC/SP
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:07:33 PM

Quant Time: Jun 04 08:49:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161524	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	5.46	113	128220	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.70	98	502632	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	184913	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47848	17.713	ug/l	96
3) Chloromethane	1.31	50	55246	16.924	ug/l	99
4) Vinyl Chloride	1.39	62	58071	16.821	ug/l	99
5) Bromomethane	1.63	94	37327	22.238	ug/l	99
6) Chloroethane	1.71	64	36161	17.957	ug/l	98
7) Trichlorofluoromethane	1.92	101	82376	18.170	ug/l	99
8) Diethyl Ether	2.17	74	33555	17.750	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	45857	18.378	ug/l	98
10) Methyl Iodide	2.49	142	44540	17.083	ug/l	99
11) Tert butyl alcohol	3.01	59	68463	78.322	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46170	17.481	ug/l	99
13) Acrolein	2.27	56	40653	109.328	ug/l	98
14) Allyl chloride	2.71	41	82444	16.973	ug/l	98
15) Acrylonitrile	3.11	53	155429	86.803	ug/l	98
16) Acetone	2.42	43	122252	81.857	ug/l	99
17) Carbon Disulfide	2.55	76	130335	16.617	ug/l	98
18) Methyl Acetate	2.75	43	67712	17.677	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	173909	18.337	ug/l	97
20) Methylene Chloride	2.83	84	54401	17.606	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	51273	17.550	ug/l	94
22) Diisopropyl ether	3.82	45	163603	17.533	ug/l	94
23) Vinyl Acetate	3.78	43	710834	87.032	ug/l	98
24) 1,1-Dichloroethane	3.67	63	92965	17.652	ug/l	98
25) 2-Butanone	4.63	43	207623	82.043	ug/l	97
26) 2,2-Dichloropropane	4.54	77	83002	19.260	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60456	17.888	ug/l	98
28) Bromochloromethane	4.98	49	45262	18.494	ug/l	94
29) Tetrahydrofuran	5.09	42	134542	82.293	ug/l	95
30) Chloroform	5.18	83	95668	18.028	ug/l	99
31) Cyclohexane	5.55	56	81608	17.224	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	85492	17.795	ug/l	100
36) 1,1-Dichloropropene	5.76	75	70466	17.852	ug/l	99
37) Ethyl Acetate	4.79	43	82336	17.374	ug/l	99
38) Carbon Tetrachloride	5.76	117	76382	18.413	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82077	19.144	ug/l	98
40) Benzene	6.11	78	214110	18.215	ug/l	100
41) Methacrylonitrile	5.00	41	44689	17.168	ug/l	97
42) 1,2-Dichloroethane	6.16	62	76624	18.330	ug/l	99
43) Isopropyl Acetate	6.41	43	128905	17.438	ug/l	98
44) Trichloroethene	7.19	130	68177	18.280	ug/l	97
45) 1,2-Dichloropropane	7.49	63	54581	18.239	ug/l	100
46) Dibromomethane	7.64	93	37251	18.533	ug/l	98
47) Bromodichloromethane	7.87	83	76737	18.438	ug/l	97
48) Methyl methacrylate	7.74	41	61220	17.297	ug/l	95
49) 1,4-Dioxane	7.71	88	26446	319.286	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	401793	87.295	ug/l	98
52) Toluene	8.76	92	137712	18.578	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87387	18.466	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	92665	18.499	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54443	18.473	ug/l	95
56) Ethyl methacrylate	9.16	69	86562	18.034	ug/l	99
57) 1,3-Dichloropropane	9.35	76	95173	18.814	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	232104	92.643	ug/l	96
59) 2-Hexanone	9.47	43	308781	86.268	ug/l	98
60) Dibromochloromethane	9.57	129	61065	18.412	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57730	18.292	ug/l	99
64) Tetrachloroethene	9.32	164	79485	18.648	ug/l	97
65) Chlorobenzene	10.12	112	145481	18.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55243	18.632	ug/l	99
67) Ethyl Benzene	10.23	91	255681	18.489	ug/l	97
68) m/p-Xylenes	10.34	106	193539	37.747	ug/l	99
69) o-Xylene	10.68	106	93164	18.762	ug/l	97
70) Styrene	10.70	104	159385	18.674	ug/l	100
71) Bromoform	10.84	173	46993	18.754	ug/l	98
73) Isopropylbenzene	11.00	105	246725	18.589	ug/l	99
74) N-amyl acetate	10.88	43	105070	17.210	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	60898	18.307	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	78214m	18.576	ug/l	
77) Bromobenzene	11.24	156	63077	18.119	ug/l	98
78) n-propylbenzene	11.34	91	275758	18.596	ug/l	99
79) 2-Chlorotoluene	11.40	91	168010	18.562	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	208686	18.830	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30832	18.012	ug/l	97
82) 4-Chlorotoluene	11.49	91	195997	18.337	ug/l	100
83) tert-Butylbenzene	11.76	119	179228	18.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	211247	18.848	ug/l	99
85) sec-Butylbenzene	11.93	105	228683	19.251	ug/l	100
86) p-Isopropyltoluene	12.05	119	219331	19.710	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	111726	18.525	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	112069	18.169	ug/l	96
89) n-Butylbenzene	12.37	91	181311	19.562	ug/l	99
90) Hexachloroethane	12.58	117	35384	18.409	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	109880	18.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18015	16.720	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74682	19.245	ug/l	98
94) Hexachlorobutadiene	13.77	225	34518	22.655	ug/l	96
95) Naphthalene	13.82	128	249274	18.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77064	20.270	ug/l	97

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

