

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016053.D
 Acq On : 05 May 2020 11:10
 Operator : JC/SP
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:00 PM

Quant Time: May 06 06:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:10:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	329198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	516182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	471175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193176	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
35) Dibromofluoromethane	5.46	113	148311	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	8.70	98	590633	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.12	95	219102	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	63714	18.285	ug/l	100
3) Chloromethane	1.31	50	69173	17.094	ug/l	100
4) Vinyl Chloride	1.39	62	74844	17.336	ug/l	98
5) Bromomethane	1.63	94	50229	23.077	ug/l	96
6) Chloroethane	1.71	64	47397	18.043	ug/l	98
7) Trichlorofluoromethane	1.92	101	100339	17.703	ug/l	97
8) Diethyl Ether	2.17	74	41439	17.352	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	59634	18.236	ug/l	99
10) Methyl Iodide	2.49	142	69360	15.791	ug/l	100
11) Tert butyl alcohol	3.01	59	88284	80.593	ug/l	100
12) 1,1-Dichloroethene	2.36	96	59744	17.459	ug/l	94
13) Acrolein	2.27	56	49491	72.199	ug/l	100
14) Allyl chloride	2.70	41	108189	17.243	ug/l	99
15) Acrylonitrile	3.11	53	189466	83.374	ug/l	99
16) Acetone	2.42	43	164383	85.047	ug/l	99
17) Carbon Disulfide	2.55	76	184630	17.833	ug/l	98
18) Methyl Acetate	2.75	43	79430	16.714	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	207978	17.630	ug/l	98
20) Methylene Chloride	2.83	84	66645	16.726	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	64538	16.924	ug/l	98
22) Diisopropyl ether	3.82	45	207947	17.567	ug/l	89
23) Vinyl Acetate	3.78	43	913385	87.706	ug/l	100
24) 1,1-Dichloroethane	3.67	63	116416	17.581	ug/l	99
25) 2-Butanone	4.63	43	260524	83.646	ug/l	97
26) 2,2-Dichloropropane	4.55	77	106299	17.578	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	74377	17.840	ug/l	96
28) Bromochloromethane	4.98	49	56218	18.619	ug/l	99
29) Tetrahydrofuran	5.09	42	171633	83.166	ug/l	99
30) Chloroform	5.17	83	114932	17.432	ug/l	100
31) Cyclohexane	5.55	56	108432	18.018	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	105982	17.685	ug/l	100
36) 1,1-Dichloropropene	5.77	75	89810	17.675	ug/l	98
37) Ethyl Acetate	4.79	43	102101	17.337	ug/l	99
38) Carbon Tetrachloride	5.76	117	92497	17.910	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	111521	18.225	ug/l	97
40) Benzene	6.11	78	265472	17.856	ug/l	100
41) Methacrylonitrile	4.99	41	55263	17.376	ug/l	99
42) 1,2-Dichloroethane	6.16	62	95534	17.838	ug/l	100
43) Isopropyl Acetate	6.41	43	163639	17.415	ug/l	100
44) Trichloroethene	7.19	130	96571	18.284	ug/l	98
45) 1,2-Dichloropropane	7.49	63	67554	17.958	ug/l	99
46) Dibromomethane	7.63	93	45775	17.906	ug/l	97
47) Bromodichloromethane	7.87	83	92515	17.769	ug/l	99
48) Methyl methacrylate	7.74	41	75463	16.949	ug/l	98
49) 1,4-Dioxane	7.71	88	35224	329.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	498436	86.685	ug/l	100
52) Toluene	8.76	92	167628	18.089	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	108229	17.434	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	113563	17.514	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	65108	17.858	ug/l	97
56) Ethyl methacrylate	9.16	69	105010	17.645	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112499	17.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	280547	88.548	ug/l	100
59) 2-Hexanone	9.47	43	387115	85.728	ug/l	99
60) Dibromochloromethane	9.56	129	70549	17.569	ug/l	99
61) 1,2-Dibromoethane	9.65	107	68320	17.300	ug/l	97
64) Tetrachloroethene	9.32	164	108009	18.673	ug/l	98
65) Chlorobenzene	10.12	112	178436	18.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	64973	17.818	ug/l	99
67) Ethyl Benzene	10.23	91	320063	18.182	ug/l	98
68) m/p-Xylenes	10.34	106	243837	36.972	ug/l	99
69) o-Xylene	10.68	106	115609	18.236	ug/l	98
70) Styrene	10.70	104	189808	17.648	ug/l	99
71) Bromoform	10.84	173	50585	17.027	ug/l #	99
73) Isopropylbenzene	11.00	105	307528	17.977	ug/l	99
74) N-amyl acetate	10.88	43	138197	17.319	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	48029	16.684	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	94382m	17.684	ug/l	
77) Bromobenzene	11.24	156	77117	17.465	ug/l	99
78) n-propylbenzene	11.34	91	355840	17.880	ug/l	100
79) 2-Chlorotoluene	11.40	91	206981	17.620	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	260932	18.065	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38241	17.075	ug/l	98
82) 4-Chlorotoluene	11.49	91	247254	17.824	ug/l	100
83) tert-Butylbenzene	11.76	119	220622	17.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	264326	18.101	ug/l	99
85) sec-Butylbenzene	11.93	105	300617	17.887	ug/l	100
86) p-Isopropyltoluene	12.05	119	280383	17.969	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	137809	17.382	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	139993	17.397	ug/l	99
89) n-Butylbenzene	12.37	91	247595	17.369	ug/l	100
90) Hexachloroethane	12.58	117	47219	17.620	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	132795	17.395	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22961	16.323	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	97727	17.291	ug/l	97
94) Hexachlorobutadiene	13.77	225	45594	19.061	ug/l	99
95) Naphthalene	13.82	128	311541	17.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	95750	17.334	ug/l	99

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

