

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022420\
 Data File : VX015001.D
 Acq On : 24 Feb 2020 11:34
 Operator : JC/SP
 Sample : VX0224WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:36:40 AM

Quant Time: Feb 25 00:56:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	417589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	618959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	575260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	303268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	238090	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.48	113	194164	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.71	98	733644	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	267702	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74916	18.944	ug/l	100
3) Chloromethane	1.32	50	89340	19.926	ug/l	100
4) Vinyl Chloride	1.40	62	91920	19.031	ug/l	98
5) Bromomethane	1.64	94	59678	19.089	ug/l	99
6) Chloroethane	1.72	64	61412	19.872	ug/l	98
7) Trichlorofluoromethane	1.93	101	127296	18.864	ug/l	98
8) Diethyl Ether	2.18	74	54864	19.606	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76821	19.612	ug/l	98
10) Methyl Iodide	2.50	142	79394	20.961	ug/l	98
11) Tert butyl alcohol	3.02	59	91450	109.901	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71083	18.571	ug/l	98
13) Acrolein	2.28	56	50593	79.774	ug/l	96
14) Allyl chloride	2.72	41	129202	19.039	ug/l	98
15) Acrylonitrile	3.12	53	225124	106.720	ug/l	100
16) Acetone	2.43	43	215266	77.491	ug/l	99
17) Carbon Disulfide	2.56	76	182064	17.024	ug/l	99
18) Methyl Acetate	2.76	43	106506	22.439	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	257124	20.641	ug/l	99
20) Methylene Chloride	2.85	84	85618	18.885	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	77098	18.255	ug/l	99
22) Diisopropyl ether	3.84	45	270137	20.842	ug/l	91
23) Vinyl Acetate	3.80	43	1143118	106.988	ug/l	98
24) 1,1-Dichloroethane	3.69	63	142889	19.534	ug/l	97
25) 2-Butanone	4.65	43	316520	98.651	ug/l	99
26) 2,2-Dichloropropane	4.57	77	118564	18.808	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	93900	19.889	ug/l	95
28) Bromochloromethane	5.00	49	60156	21.216	ug/l	100
29) Tetrahydrofuran	5.11	42	194784	106.795	ug/l	100
30) Chloroform	5.20	83	146313	20.160	ug/l	97
31) Cyclohexane	5.57	56	126193	18.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	120478	18.977	ug/l	100
36) 1,1-Dichloropropene	5.79	75	107647	19.442	ug/l	99
37) Ethyl Acetate	4.81	43	122148	21.152	ug/l	98
38) Carbon Tetrachloride	5.77	117	102926	19.075	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	129836	18.750	ug/l	95
40) Benzene	6.13	78	323431	19.551	ug/l	97
41) Methacrylonitrile	5.02	41	65936	21.195	ug/l	97
42) 1,2-Dichloroethane	6.18	62	120254	20.112	ug/l	100
43) Isopropyl Acetate	6.43	43	197216	20.702	ug/l	99
44) Trichloroethene	7.20	130	91562	19.066	ug/l	99
45) 1,2-Dichloropropane	7.51	63	86322	20.460	ug/l	98
46) Dibromomethane	7.65	93	56079	19.446	ug/l	97
47) Bromodichloromethane	7.89	83	111416	19.485	ug/l	99
48) Methyl methacrylate	7.76	41	96641	20.614	ug/l	99
49) 1,4-Dioxane	7.73	88	39424	449.767	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	620799	107.925	ug/l	99
52) Toluene	8.78	92	207476	19.746	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	121029	19.313	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	135843	19.622	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87755	20.643	ug/l	99
56) Ethyl methacrylate	9.17	69	131166	20.528	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145226	20.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	328615	98.340	ug/l	98
59) 2-Hexanone	9.48	43	464438	102.723	ug/l	98
60) Dibromochloromethane	9.57	129	91899	20.088	ug/l	98
61) 1,2-Dibromoethane	9.67	107	91860	20.028	ug/l	99
64) Tetrachloroethene	9.33	164	91392	16.992	ug/l	97
65) Chlorobenzene	10.13	112	231135	19.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	84971	20.060	ug/l	98
67) Ethyl Benzene	10.25	91	392699	19.790	ug/l	99
68) m/p-Xylenes	10.35	106	307062	40.169	ug/l	96
69) o-Xylene	10.69	106	145569	19.810	ug/l	99
70) Styrene	10.71	104	248430	19.984	ug/l	99
71) Bromoform	10.85	173	70794	20.022	ug/l #	98
73) Isopropylbenzene	11.01	105	391962	20.610	ug/l	100
74) N-amyl acetate	10.89	43	165897	20.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132208	21.266	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	110532m	20.155	ug/l	
77) Bromobenzene	11.25	156	105074	19.795	ug/l	99
78) n-propylbenzene	11.35	91	449558	20.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	266585	20.615	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	325028	20.454	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41508	19.374	ug/l	95
82) 4-Chlorotoluene	11.51	91	306107	19.989	ug/l	100
83) tert-Butylbenzene	11.76	119	316426	21.028	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	333786	20.843	ug/l	99
85) sec-Butylbenzene	11.94	105	385161	20.604	ug/l	99
86) p-Isopropyltoluene	12.06	119	356038	20.353	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187980	19.740	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188559	19.390	ug/l	99
89) n-Butylbenzene	12.39	91	305115	19.475	ug/l	99
90) Hexachloroethane	12.59	117	60951	19.951	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	186285	19.948	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28100	19.266	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131659	19.100	ug/l	100
94) Hexachlorobutadiene	13.77	225	66093	19.824	ug/l	97
95) Naphthalene	13.83	128	383941	20.949	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134222	20.155	ug/l	100

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

