

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015676.D
 Acq On : 15 Apr 2020 12:31
 Operator : JC/SP
 Sample : VX0415WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:50 AM

Quant Time: Apr 16 06:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1108909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1618033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1472048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	793131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	705856	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	5.47	113	534015	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.70	98	1989273	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.12	95	792665	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	159078	16.283	ug/l	99
3) Chloromethane	1.31	50	191603	15.400	ug/l	98
4) Vinyl Chloride	1.39	62	193566	16.944	ug/l	99
5) Bromomethane	1.63	94	140879	22.266	ug/l	95
6) Chloroethane	1.71	64	123492	17.429	ug/l	98
7) Trichlorofluoromethane	1.92	101	274473	17.915	ug/l	97
8) Diethyl Ether	2.17	74	114627	17.738	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	184462	18.469	ug/l	98
10) Methyl Iodide	2.49	142	169058	12.555	ug/l	99
11) Tert butyl alcohol	3.01	59	241760	64.581	ug/l	98
12) 1,1-Dichloroethene	2.36	96	176884	16.896	ug/l	96
13) Acrolein	2.27	56	167166	78.391	ug/l	99
14) Allyl chloride	2.70	41	386723	15.809	ug/l	99
15) Acrylonitrile	3.11	53	554518	77.673	ug/l	100
16) Acetone	2.42	43	529974	78.874	ug/l	99
17) Carbon Disulfide	2.55	76	468281	14.663	ug/l	98
18) Methyl Acetate	2.75	43	268888	15.679	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	680512	16.760	ug/l	99
20) Methylene Chloride	2.83	84	204392	16.285	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	192015	16.526	ug/l	98
22) Diisopropyl ether	3.82	45	738973	17.048	ug/l	95
23) Vinyl Acetate	3.78	43	3204922	81.661	ug/l	100
24) 1,1-Dichloroethane	3.67	63	375260	16.442	ug/l	99
25) 2-Butanone	4.63	43	811864	75.131	ug/l	100
26) 2,2-Dichloropropane	4.55	77	338149	18.051	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	228019	16.963	ug/l	99
28) Bromochloromethane	4.98	49	183085	16.802	ug/l	94
29) Tetrahydrofuran	5.09	42	517555	74.502	ug/l	99
30) Chloroform	5.17	83	370798	16.887	ug/l	96
31) Cyclohexane	5.55	56	336491	16.996	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	332855	16.750	ug/l	98
36) 1,1-Dichloropropene	5.77	75	275720	18.494	ug/l	97
37) Ethyl Acetate	4.79	43	318756	16.421	ug/l	99
38) Carbon Tetrachloride	5.75	117	297753	18.440	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	334956	19.486	ug/l	99
40) Benzene	6.11	78	803663	18.403	ug/l	98
41) Methacrylonitrile	5.00	41	180458	16.747	ug/l	96
42) 1,2-Dichloroethane	6.16	62	315284	17.973	ug/l	98
43) Isopropyl Acetate	6.41	43	546437	16.675	ug/l	99
44) Trichloroethene	7.19	130	229489	19.268	ug/l	95
45) 1,2-Dichloropropane	7.49	63	218770	18.312	ug/l	98
46) Dibromomethane	7.64	93	140567	17.937	ug/l	97
47) Bromodichloromethane	7.87	83	297598	17.822	ug/l	100
48) Methyl methacrylate	7.75	41	273139	16.688	ug/l	97
49) 1,4-Dioxane	7.72	88	99731	326.622	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1610148	86.703	ug/l	100
52) Toluene	8.76	92	523276	19.435	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	341657	17.446	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	355648	17.827	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	211996	19.218	ug/l	98
56) Ethyl methacrylate	9.16	69	332212	17.089	ug/l	98
57) 1,3-Dichloropropane	9.36	76	357915	18.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	789333	83.474	ug/l	99
59) 2-Hexanone	9.47	43	1198057	85.450	ug/l	99
60) Dibromochloromethane	9.56	129	244577	18.451	ug/l	99
61) 1,2-Dibromoethane	9.65	107	214398	17.875	ug/l	97
64) Tetrachloroethene	9.32	164	219650	19.772	ug/l	93
65) Chlorobenzene	10.12	112	560430	19.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	216481	18.458	ug/l	97
67) Ethyl Benzene	10.23	91	1002657	19.257	ug/l	97
68) m/p-Xylenes	10.34	106	747420	38.550	ug/l	97
69) o-Xylene	10.68	106	371842	19.408	ug/l	100
70) Styrene	10.70	104	641316	19.023	ug/l	99
71) Bromoform	10.84	173	184770	17.306	ug/l	# 99
73) Isopropylbenzene	11.00	105	1002335	19.288	ug/l	99
74) N-amyl acetate	10.88	43	466947	16.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	307789	17.260	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	287223m	17.610	ug/l	
77) Bromobenzene	11.24	156	267624	19.307	ug/l	93
78) n-propylbenzene	11.34	91	1145388	19.275	ug/l	99
79) 2-Chlorotoluene	11.40	91	675632	18.550	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	855118	19.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	103702	15.256	ug/l	98
82) 4-Chlorotoluene	11.50	91	800655	18.752	ug/l	99
83) tert-Butylbenzene	11.76	119	839348	19.361	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	877021	19.391	ug/l	100
85) sec-Butylbenzene	11.93	105	982708	19.600	ug/l	99
86) p-Isopropyltoluene	12.05	119	931925	20.022	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	480886	19.379	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	489527	19.367	ug/l	98
89) n-Butylbenzene	12.37	91	813256	19.335	ug/l	99
90) Hexachloroethane	12.58	117	155489	17.163	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	471970	19.435	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70820	14.071	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	360009	18.741	ug/l	99
94) Hexachlorobutadiene	13.77	225	177842	19.445	ug/l	96
95) Naphthalene	13.82	128	1028090	17.546	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	359659	19.447	ug/l	99

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

