

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007810.D
 Acq On : 04 Mar 2019 15:02
 Operator : JC/SP
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:37 AM

Quant Time: Mar 04 15:57:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167098	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
35) Dibromofluoromethane	5.51	113	146938	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.71	98	550135	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	196754	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47658	16.793	ug/l	97
3) Chloromethane	1.33	50	59273	18.847	ug/l	100
4) Vinyl Chloride	1.41	62	62657	19.419	ug/l	100
5) Bromomethane	1.64	94	33764	15.541	ug/l	99
6) Chloroethane	1.73	64	41125	19.950	ug/l	96
7) Trichlorofluoromethane	1.93	101	84858	17.156	ug/l	99
8) Diethyl Ether	2.19	74	38489	18.960	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51459	17.213	ug/l	99
10) Methyl Iodide	2.51	142	75392	20.253	ug/l	98
11) Tert butyl alcohol	3.07	59	78373	108.243	ug/l	99
12) 1,1-Dichloroethene	2.38	96	50337	18.679	ug/l	97
13) Acrolein	2.30	56	73663	114.490	ug/l	99
14) Allyl chloride	2.73	41	106034	21.280	ug/l	91
15) Acrylonitrile	3.15	53	182364	107.027	ug/l	98
16) Acetone	2.45	43	156583	92.269	ug/l	99
17) Carbon Disulfide	2.57	76	142324	18.984	ug/l	100
18) Methyl Acetate	2.78	43	85799	23.170	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	188352	20.071	ug/l	99
20) Methylene Chloride	2.86	84	57778	18.438	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	55205	18.844	ug/l	93
22) Diisopropyl ether	3.87	45	206744	19.932	ug/l	96
23) Vinyl Acetate	3.82	43	891752	97.989	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109993	19.511	ug/l	98
25) 2-Butanone	4.70	43	258199	99.883	ug/l	96
26) 2,2-Dichloropropane	4.59	77	73488	16.331	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65895	17.677	ug/l	94
28) Bromochloromethane	5.02	49	54748	19.949	ug/l	87
29) Tetrahydrofuran	5.15	42	169709	99.596	ug/l	95
30) Chloroform	5.21	83	105137	17.411	ug/l	98
31) Cyclohexane	5.57	56	95893	18.084	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	87478	17.517	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78186	19.131	ug/l	97
37) Ethyl Acetate	4.85	43	96072	21.162	ug/l	99
38) Carbon Tetrachloride	5.79	117	73903	18.002	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92306	17.871	ug/l	94
40) Benzene	6.15	78	243932	19.335	ug/l	99
41) Methacrylonitrile	5.06	41	53817	22.200	ug/l	95
42) 1,2-Dichloroethane	6.20	62	80700	19.031	ug/l	98
43) Isopropyl Acetate	6.46	43	146449	20.960	ug/l	98
44) Trichloroethene	7.21	130	66302	19.104	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65343	19.994	ug/l	95
46) Dibromomethane	7.66	93	41063	18.011	ug/l	97
47) Bromodichloromethane	7.90	83	75043	18.993	ug/l	98
48) Methyl methacrylate	7.77	41	76460	20.876	ug/l	92
49) 1,4-Dioxane	7.75	88	31915	403.452	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	483084	103.288	ug/l	99
52) Toluene	8.78	92	149826	18.833	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82084	18.577	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	93628	19.527	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63125	19.028	ug/l	98
56) Ethyl methacrylate	9.18	69	95768	20.300	ug/l	95
57) 1,3-Dichloropropane	9.37	76	103398	19.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	273443	105.107	ug/l	97
59) 2-Hexanone	9.49	43	365863	99.638	ug/l	99
60) Dibromochloromethane	9.58	129	62139	19.466	ug/l	97
61) 1,2-Dibromoethane	9.67	107	65527	19.024	ug/l	100
64) Tetrachloroethene	9.34	164	65696	20.159	ug/l	97
65) Chlorobenzene	10.14	112	166727	19.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59872	19.769	ug/l	99
67) Ethyl Benzene	10.25	91	276759	19.243	ug/l	99
68) m/p-Xylenes	10.36	106	212049	37.898	ug/l	97
69) o-Xylene	10.69	106	103631	19.255	ug/l	96
70) Styrene	10.71	104	170725	19.299	ug/l	99
71) Bromoform	10.86	173	48293	21.265	ug/l #	99
73) Isopropylbenzene	11.02	105	280406	19.222	ug/l	99
74) N-amyl acetate	10.90	43	125868	19.869	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93984	18.628	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	78581m	18.062	ug/l	
77) Bromobenzene	11.26	156	74965	20.488	ug/l	95
78) n-propylbenzene	11.36	91	304606	18.479	ug/l	98
79) 2-Chlorotoluene	11.42	91	185470	18.686	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	227911	18.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26550	18.378	ug/l	94
82) 4-Chlorotoluene	11.51	91	211185	18.188	ug/l	98
83) tert-Butylbenzene	11.77	119	225800	19.599	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	235377	19.177	ug/l	100
85) sec-Butylbenzene	11.94	105	272768	18.894	ug/l	99
86) p-Isopropyltoluene	12.06	119	242987	19.219	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131686	19.403	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	130640	18.795	ug/l	98
89) n-Butylbenzene	12.38	91	199459	17.689	ug/l	99
90) Hexachloroethane	12.60	117	38460	18.054	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	130513	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19561	17.794	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91908	22.172	ug/l	99
94) Hexachlorobutadiene	13.78	225	47051	24.813	ug/l	100
95) Naphthalene	13.83	128	282866	21.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92572	22.242	ug/l	98

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

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