

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008080.D
 Acq On : 14 Mar 2019 20:14
 Operator : JC/SP
 Sample : VX0314WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:06:28 AM

Quant Time: Mar 15 05:02:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145104	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.50	113	135367	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	516870	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	181240	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45752	19.172	ug/l	100
3) Chloromethane	1.33	50	46987	16.722	ug/l	100
4) Vinyl Chloride	1.41	62	48040	17.918	ug/l	98
5) Bromomethane	1.64	94	27484	20.171	ug/l	100
6) Chloroethane	1.73	64	28978	19.658	ug/l	99
7) Trichlorofluoromethane	1.93	101	60346	18.754	ug/l	100
8) Diethyl Ether	2.19	74	34958	21.855	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48605	20.211	ug/l	97
10) Methyl Iodide	2.51	142	75476	22.465	ug/l	97
11) Tert butyl alcohol	3.07	59	64159	110.426	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47712	20.990	ug/l	94
13) Acrolein	2.30	56	51056	95.398	ug/l	97
14) Allyl chloride	2.73	41	83575	20.186	ug/l	96
15) Acrylonitrile	3.15	53	151683	107.063	ug/l	100
16) Acetone	2.45	43	121764	85.764	ug/l	96
17) Carbon Disulfide	2.57	76	139944	21.442	ug/l	99
18) Methyl Acetate	2.78	43	67120	21.873	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	163630	21.292	ug/l	98
20) Methylene Chloride	2.86	84	53263	21.005	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	50943	20.801	ug/l	96
22) Diisopropyl ether	3.87	45	172219	20.931	ug/l	94
23) Vinyl Acetate	3.82	43	742479	106.106	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95092	21.084	ug/l	99
25) 2-Butanone	4.70	43	216581	99.383	ug/l	93
26) 2,2-Dichloropropane	4.59	77	60471	17.550	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	60508	20.784	ug/l	96
28) Bromochloromethane	5.02	49	40875	19.189	ug/l	90
29) Tetrahydrofuran	5.15	42	142409	104.681	ug/l	95
30) Chloroform	5.21	83	93237	20.408	ug/l	98
31) Cyclohexane	5.57	56	87586	20.369	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	77728	20.198	ug/l	98
36) 1,1-Dichloropropene	5.80	75	71499	20.033	ug/l	98
37) Ethyl Acetate	4.85	43	79580	20.746	ug/l	97
38) Carbon Tetrachloride	5.78	117	67608	19.680	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87099	19.092	ug/l	97
40) Benzene	6.14	78	221193	20.230	ug/l	99
41) Methacrylonitrile	5.06	41	44826	20.071	ug/l	97
42) 1,2-Dichloroethane	6.20	62	68205	19.500	ug/l	98
43) Isopropyl Acetate	6.46	43	122991	19.910	ug/l	97
44) Trichloroethene	7.21	130	62001	19.649	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57330	19.875	ug/l	99
46) Dibromomethane	7.67	93	36510	20.194	ug/l	97
47) Bromodichloromethane	7.90	83	65591	19.076	ug/l	98
48) Methyl methacrylate	7.77	41	63378	19.644	ug/l	96
49) 1,4-Dioxane	7.75	88	28926	415.691	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	407706	100.140	ug/l	98
52) Toluene	8.78	92	139452	20.065	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71047	18.849	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	81645	19.490	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	56288	19.891	ug/l	99
56) Ethyl methacrylate	9.18	69	84558	20.228	ug/l	95
57) 1,3-Dichloropropane	9.37	76	92292	19.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	235818	95.892	ug/l	97
59) 2-Hexanone	9.49	43	307148	96.464	ug/l	97
60) Dibromochloromethane	9.58	129	55754	19.116	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59891	20.198	ug/l	100
64) Tetrachloroethene	9.34	164	62139	20.001	ug/l	97
65) Chlorobenzene	10.14	112	152952	20.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	54222	20.079	ug/l	99
67) Ethyl Benzene	10.25	91	253822	20.153	ug/l	98
68) m/p-Xylenes	10.36	106	194593	40.377	ug/l	100
69) o-Xylene	10.69	106	95665	20.362	ug/l	99
70) Styrene	10.71	104	157076	20.409	ug/l	99
71) Bromoform	10.85	173	42511	19.022	ug/l #	99
73) Isopropylbenzene	11.02	105	254853	21.009	ug/l	99
74) N-amyl acetate	10.90	43	102999	20.128	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	83306	20.959	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	79924m	24.298	ug/l	
77) Bromobenzene	11.26	156	69707	21.053	ug/l	97
78) n-propylbenzene	11.36	91	274957	20.660	ug/l	100
79) 2-Chlorotoluene	11.42	91	167481	20.606	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	211653	21.174	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21665	18.743	ug/l	97
82) 4-Chlorotoluene	11.51	91	187558	20.148	ug/l	99
83) tert-Butylbenzene	11.77	119	208919	20.856	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	215514	20.902	ug/l	100
85) sec-Butylbenzene	11.94	105	247386	20.728	ug/l	100
86) p-Isopropyltoluene	12.06	119	224188	20.770	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	119528	20.284	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	120054	20.063	ug/l	99
89) n-Butylbenzene	12.38	91	176209	19.510	ug/l	99
90) Hexachloroethane	12.60	117	33727	19.524	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	119774	20.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15855	19.730	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83095	20.064	ug/l	99
94) Hexachlorobutadiene	13.78	225	44308	19.692	ug/l	100
95) Naphthalene	13.83	128	247997	21.296	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	83232	20.415	ug/l	98

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

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