

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008529.D
 Acq On : 28 Mar 2019 18:56
 Operator : JC/SP
 Sample : VX0328WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/29/2019 10:52:14 AM

Quant Time: Mar 29 03:37:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130401	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143500	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.49	113	105709	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.71	98	415161	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	151537	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35553	16.197	ug/l	99
3) Chloromethane	1.32	50	49429	17.424	ug/l	99
4) Vinyl Chloride	1.40	62	50254	16.397	ug/l	98
5) Bromomethane	1.64	94	17519	12.305	ug/l	99
6) Chloroethane	1.72	64	32645	17.980	ug/l	96
7) Trichlorofluoromethane	1.93	101	57471	16.557	ug/l	98
8) Diethyl Ether	2.18	74	29065	17.693	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35405	16.877	ug/l	98
10) Methyl Iodide	2.51	142	14072	10.454	ug/l	99
11) Tert butyl alcohol	3.04	59	61637	98.541	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37530	17.323	ug/l	95
13) Acrolein	2.29	56	36385	80.102	ug/l	100
14) Allyl chloride	2.73	41	83817	17.561	ug/l	99
15) Acrylonitrile	3.14	53	152890	93.216	ug/l	100
16) Acetone	2.44	43	131468	89.097	ug/l	99
17) Carbon Disulfide	2.57	76	105564	16.727	ug/l	99
18) Methyl Acetate	2.77	43	68313	19.276	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	147477	18.890	ug/l	100
20) Methylene Chloride	2.85	84	48181	19.618	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39793	18.261	ug/l	98
22) Diisopropyl ether	3.85	45	176881	18.821	ug/l	99
23) Vinyl Acetate	3.81	43	771168	94.051	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85842	18.092	ug/l	99
25) 2-Butanone	4.67	43	222099	93.888	ug/l	99
26) 2,2-Dichloropropane	4.58	77	49307	15.624	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	47762	18.029	ug/l	98
28) Bromochloromethane	5.01	49	45338	19.341	ug/l	99
29) Tetrahydrofuran	5.13	42	147533	94.628	ug/l	99
30) Chloroform	5.21	83	78596	18.355	ug/l	98
31) Cyclohexane	5.58	56	77041	17.025	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	61323	17.917	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57994	16.809	ug/l	98
37) Ethyl Acetate	4.84	43	83380	18.655	ug/l	99
38) Carbon Tetrachloride	5.79	117	49125	17.061	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69273	16.800	ug/l	99
40) Benzene	6.14	78	183406	17.756	ug/l	100
41) Methacrylonitrile	5.04	41	47572	18.939	ug/l	100
42) 1,2-Dichloroethane	6.19	62	67790	17.925	ug/l	99
43) Isopropyl Acetate	6.45	43	131494	18.393	ug/l	99
44) Trichloroethene	7.21	130	41906	17.279	ug/l	98
45) 1,2-Dichloropropane	7.51	63	52644	17.931	ug/l	97
46) Dibromomethane	7.66	93	30354	17.705	ug/l	100
47) Bromodichloromethane	7.90	83	58639	17.869	ug/l	99
48) Methyl methacrylate	7.77	41	66722	18.652	ug/l	99
49) 1,4-Dioxane	7.74	88	27342	384.411	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	439981	94.752	ug/l	100
52) Toluene	8.78	92	109035	17.655	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61789	17.191	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70531	17.257	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45741	18.194	ug/l	100
56) Ethyl methacrylate	9.18	69	84277	18.571	ug/l	100
57) 1,3-Dichloropropane	9.37	76	81496	18.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	227637	97.040	ug/l	99
59) 2-Hexanone	9.49	43	343980	95.602	ug/l	99
60) Dibromochloromethane	9.58	129	41623	17.409	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46385	18.079	ug/l	99
64) Tetrachloroethene	9.34	164	34990	18.024	ug/l	97
65) Chlorobenzene	10.14	112	110408	17.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39160	18.201	ug/l	99
67) Ethyl Benzene	10.25	91	205805	17.487	ug/l	99
68) m/p-Xylenes	10.36	106	150510	35.153	ug/l	99
69) o-Xylene	10.69	106	73630	17.721	ug/l	100
70) Styrene	10.71	104	127392	17.750	ug/l	100
71) Bromoform	10.85	173	28968	17.049	ug/l #	98
73) Isopropylbenzene	11.02	105	194304	18.315	ug/l	100
74) N-amyl acetate	10.90	43	117126	19.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77353	18.793	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65326m	16.851	ug/l	
77) Bromobenzene	11.26	156	46014	17.871	ug/l	100
78) n-propylbenzene	11.36	91	222090	17.871	ug/l	100
79) 2-Chlorotoluene	11.42	91	136129	18.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	162827	18.155	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19912	16.451	ug/l	92
82) 4-Chlorotoluene	11.51	91	155310	17.813	ug/l	99
83) tert-Butylbenzene	11.77	119	155884	18.015	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	164774	18.164	ug/l	99
85) sec-Butylbenzene	11.94	105	184310	17.886	ug/l	99
86) p-Isopropyltoluene	12.06	119	163930	18.029	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80595	17.519	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80886	17.422	ug/l	99
89) n-Butylbenzene	12.38	91	146392	16.995	ug/l	99
90) Hexachloroethane	12.59	117	25748	16.997	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	82711	17.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16891	18.820	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55190	17.794	ug/l	98
94) Hexachlorobutadiene	13.78	225	26070	17.702	ug/l	99
95) Naphthalene	13.83	128	205874	19.361	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58088	18.638	ug/l	98

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

