

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009860.D
 Acq On : 23 May 2019 15:54
 Operator : JC/SP
 Sample : VX0523WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:02:04 AM

Quant Time: May 24 04:31:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129581	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	98085	38.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.08%	
35) Dibromofluoromethane	5.50	113	69580	36.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.90%	
50) Toluene-d8	8.71	98	286821	37.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.46%	
62) 4-Bromofluorobenzene	11.13	95	102125	36.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	26924	15.670	ug/l	96
3) Chloromethane	1.32	50	42476	18.108	ug/l	99
4) Vinyl Chloride	1.41	62	39675	17.345	ug/l	98
5) Bromomethane	1.64	94	23978	17.465	ug/l	95
6) Chloroethane	1.72	64	25067	17.069	ug/l	97
7) Trichlorofluoromethane	1.93	101	46991	16.901	ug/l	96
8) Diethyl Ether	2.19	74	22384	16.996	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28878	16.539	ug/l	100
10) Methyl Iodide	2.51	142	30865	18.410	ug/l	98
11) Tert butyl alcohol	3.05	59	52757	89.547	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29351	16.778	ug/l	98
13) Acrolein	2.29	56	37254	69.822	ug/l	100
14) Allyl chloride	2.73	41	72814	17.079	ug/l	98
15) Acrylonitrile	3.14	53	125627	87.209	ug/l	100
16) Acetone	2.45	43	115028	84.166	ug/l	97
17) Carbon Disulfide	2.57	76	83654	17.032	ug/l	99
18) Methyl Acetate	2.78	43	54577	16.792	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	114675	16.880	ug/l	100
20) Methylene Chloride	2.85	84	36362	16.432	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	32150	16.946	ug/l	99
22) Diisopropyl ether	3.85	45	143870	17.548	ug/l	92
23) Vinyl Acetate	3.81	43	638800	90.987	ug/l	99
24) 1,1-Dichloroethane	3.70	63	67629	16.721	ug/l	99
25) 2-Butanone	4.67	43	187434	88.255	ug/l	96
26) 2,2-Dichloropropane	4.59	77	45238	15.026	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	38224	16.879	ug/l	99
28) Bromochloromethane	5.02	49	32211	18.031	ug/l	95
29) Tetrahydrofuran	5.13	42	125130	91.560	ug/l	97
30) Chloroform	5.21	83	61972	16.941	ug/l	98
31) Cyclohexane	5.58	56	65490	17.404	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	51510	16.915	ug/l	98
36) 1,1-Dichloropropene	5.80	75	46702	16.776	ug/l	100
37) Ethyl Acetate	4.84	43	70936	18.288	ug/l	99
38) Carbon Tetrachloride	5.79	117	41077	16.240	ug/l	99

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39) Methylcyclohexane	7.46	83	58111	16.997	ug/l	97
40) Benzene	6.14	78	145524	16.891	ug/l	98
41) Methacrylonitrile	5.04	41	40095	17.365	ug/l	98
42) 1,2-Dichloroethane	6.20	62	54561	17.654	ug/l	99
43) Isopropyl Acetate	6.45	43	109867	17.708	ug/l	99
44) Trichloroethene	7.21	130	33875	16.264	ug/l	95
45) 1,2-Dichloropropane	7.51	63	42018	17.223	ug/l	99
46) Dibromomethane	7.66	93	23508	16.593	ug/l	99
47) Bromodichloromethane	7.90	83	46010	16.281	ug/l	99
48) Methyl methacrylate	7.77	41	55566	18.052	ug/l	97
49) 1,4-Dioxane	7.74	88	20830	333.685	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	372524	91.861	ug/l	98
52) Toluene	8.79	92	89169	17.026	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	52565	16.475	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	58590	16.591	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	35117	16.435	ug/l	96
56) Ethyl methacrylate	9.18	69	64892	17.014	ug/l	95
57) 1,3-Dichloropropane	9.37	76	64163	17.065	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	173413	85.706	ug/l	99
59) 2-Hexanone	9.49	43	287696	90.329	ug/l	97
60) Dibromochloromethane	9.58	129	34271	16.422	ug/l	99
61) 1,2-Dibromoethane	9.67	107	36457	16.903	ug/l	100
64) Tetrachloroethene	9.34	164	32162	17.302	ug/l	97
65) Chlorobenzene	10.14	112	91233	16.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	32600	16.588	ug/l	99
67) Ethyl Benzene	10.25	91	169589	16.999	ug/l	100
68) m/p-Xylenes	10.36	106	123676	33.924	ug/l	97
69) o-Xylene	10.69	106	59871	16.645	ug/l	98
70) Styrene	10.71	104	103663	16.581	ug/l	98
71) Bromoform	10.85	173	25281	15.829	ug/l #	100
73) Isopropylbenzene	11.02	105	159794	16.958	ug/l	100
74) N-amyl acetate	10.90	43	98016	17.842	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	60027	17.088	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	51350m	17.084	ug/l	
77) Bromobenzene	11.26	156	39644	16.950	ug/l	99
78) n-propylbenzene	11.36	91	186269	17.309	ug/l	100
79) 2-Chlorotoluene	11.42	91	111063	16.728	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	137355	17.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18308	15.584	ug/l	92
82) 4-Chlorotoluene	11.51	91	127343	16.978	ug/l	100
83) tert-Butylbenzene	11.77	119	128915	16.702	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	138811	17.430	ug/l	99
85) sec-Butylbenzene	11.94	105	156184	17.068	ug/l	99
86) p-Isopropyltoluene	12.06	119	139335	16.938	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	69845	16.752	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	70716	16.823	ug/l	99
89) n-Butylbenzene	12.38	91	124917	16.801	ug/l	100
90) Hexachloroethane	12.60	117	22638	16.153	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	69851	16.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13999	17.765	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	48701	16.770	ug/l	99
94) Hexachlorobutadiene	13.78	225	24900	16.791	ug/l	99
95) Naphthalene	13.83	128	156464	16.560	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	48197	16.373	ug/l	98

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

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