

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009422.D
 Acq On : 09 May 2019 13:04
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:11:56 PM

Quant Time: May 10 07:35:29 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	160188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116828	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.50	113	86576	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	8.71	98	350483	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	11.13	95	126637	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31273	21.185	ug/l	96
3) Chloromethane	1.32	50	45343	22.499	ug/l	99
4) Vinyl Chloride	1.40	62	44634	22.712	ug/l	98
5) Bromomethane	1.64	94	25785	21.860	ug/l	98
6) Chloroethane	1.72	64	29435	23.329	ug/l	98
7) Trichlorofluoromethane	1.93	101	55516	23.240	ug/l	100
8) Diethyl Ether	2.19	74	25953	22.936	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34855	23.235	ug/l	99
10) Methyl Iodide	2.51	142	36750	23.742	ug/l	99
11) Tert butyl alcohol	3.04	59	55860	110.356	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34861	23.194	ug/l	98
13) Acrolein	2.29	56	52275	114.035	ug/l	100
14) Allyl chloride	2.73	41	81609	22.280	ug/l	100
15) Acrylonitrile	3.14	53	138602	111.988	ug/l	100
16) Acetone	2.44	43	129252	110.076	ug/l	99
17) Carbon Disulfide	2.57	76	100280	23.764	ug/l	100
18) Methyl Acetate	2.77	43	57994	20.768	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	132573	22.714	ug/l	100
20) Methylene Chloride	2.85	84	42948	22.590	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38112	23.381	ug/l	100
22) Diisopropyl ether	3.85	45	159798	22.685	ug/l	94
23) Vinyl Acetate	3.81	43	714118	118.389	ug/l	100
24) 1,1-Dichloroethane	3.70	63	77847	22.402	ug/l	99
25) 2-Butanone	4.67	43	206883	113.381	ug/l	97
26) 2,2-Dichloropropane	4.58	77	56279	21.758	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44049	22.640	ug/l	100
28) Bromochloromethane	5.01	49	30158	19.910	ug/l	99
29) Tetrahydrofuran	5.13	42	135279	115.212	ug/l	99
30) Chloroform	5.21	83	72797	23.162	ug/l	96
31) Cyclohexane	5.58	56	76519	23.668	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	59670	22.807	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54649	22.969	ug/l	99
37) Ethyl Acetate	4.83	43	76668	23.128	ug/l	99
38) Carbon Tetrachloride	5.79	117	49518	22.907	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68902	23.581	ug/l	99
40) Benzene	6.14	78	172191	23.385	ug/l	100
41) Methacrylonitrile	5.04	41	43318	21.952	ug/l	99
42) 1,2-Dichloroethane	6.19	62	61771	23.386	ug/l	100
43) Isopropyl Acetate	6.45	43	119502	22.537	ug/l	100
44) Trichloroethene	7.21	130	40714	22.872	ug/l	99
45) 1,2-Dichloropropane	7.51	63	48139	23.088	ug/l	97
46) Dibromomethane	7.66	93	27237	22.496	ug/l	97
47) Bromodichloromethane	7.90	83	54829	22.702	ug/l	97
48) Methyl methacrylate	7.77	41	60239	22.899	ug/l	99
49) 1,4-Dioxane	7.74	88	23974	449.373	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	398746	115.051	ug/l	100
52) Toluene	8.78	92	104353	23.314	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61049	22.389	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	68671	22.753	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	42195	23.107	ug/l	100
56) Ethyl methacrylate	9.18	69	74179	22.757	ug/l	100
57) 1,3-Dichloropropane	9.37	76	73584	22.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170410	98.547	ug/l	100
59) 2-Hexanone	9.49	43	307348	112.913	ug/l	100
60) Dibromochloromethane	9.58	129	40797	22.875	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42633	23.129	ug/l	99
64) Tetrachloroethene	9.34	164	37249	23.717	ug/l	98
65) Chlorobenzene	10.13	112	107170	23.399	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38656	23.280	ug/l	99
67) Ethyl Benzene	10.25	91	198630	23.564	ug/l	98
68) m/p-Xylenes	10.36	106	144657	46.962	ug/l	99
69) o-Xylene	10.69	106	70983	23.356	ug/l	99
70) Styrene	10.71	104	122794	23.246	ug/l	100
71) Bromoform	10.85	173	30668	22.727	ug/l #	98
73) Isopropylbenzene	11.02	105	188838	23.305	ug/l	99
74) N-amyl acetate	10.90	43	107058	22.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68858	22.796	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59486m	23.015	ug/l	
77) Bromobenzene	11.26	156	47325	23.531	ug/l	96
78) n-propylbenzene	11.36	91	216132	23.356	ug/l	99
79) 2-Chlorotoluene	11.42	91	128840	22.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160282	23.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21711	21.492	ug/l	94
82) 4-Chlorotoluene	11.51	91	147004	22.792	ug/l	100
83) tert-Butylbenzene	11.77	119	153829	23.178	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	161507	23.584	ug/l	99
85) sec-Butylbenzene	11.94	105	181310	23.042	ug/l	99
86) p-Isopropyltoluene	12.06	119	166147	23.487	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81353	22.691	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80551	22.285	ug/l	98
89) n-Butylbenzene	12.38	91	145126	22.699	ug/l	100
90) Hexachloroethane	12.60	117	27157	22.534	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	83488	22.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15684	23.146	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	56968	22.813	ug/l	100
94) Hexachlorobutadiene	13.78	225	28708	22.512	ug/l	96
95) Naphthalene	13.83	128	189471	23.321	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	59269	23.414	ug/l	98

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

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