

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009629.D
 Acq On : 17 May 2019 00:33
 Operator : JC/SP
 Sample : VX0516WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:09:45 PM

Quant Time: May 17 07:43:41 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	157799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109447	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	5.50	113	80868	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	318034	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.13	95	117710	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25053	17.229	ug/l	99
3) Chloromethane	1.32	50	39519	19.906	ug/l	99
4) Vinyl Chloride	1.41	62	38615	19.947	ug/l	99
5) Bromomethane	1.64	94	23989	20.645	ug/l	96
6) Chloroethane	1.72	64	25258	20.322	ug/l	98
7) Trichlorofluoromethane	1.93	101	48665	20.680	ug/l	99
8) Diethyl Ether	2.19	74	23276	20.882	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29489	19.956	ug/l	99
10) Methyl Iodide	2.51	142	33536	22.332	ug/l	99
11) Tert butyl alcohol	3.05	59	57974	116.266	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30304	20.467	ug/l	96
13) Acrolein	2.29	56	25577	56.639	ug/l	99
14) Allyl chloride	2.73	41	70783	19.617	ug/l	98
15) Acrylonitrile	3.14	53	135625	111.242	ug/l	99
16) Acetone	2.45	43	121074	104.673	ug/l	97
17) Carbon Disulfide	2.57	76	78590	18.906	ug/l	100
18) Methyl Acetate	2.78	43	62391	22.681	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	122543	21.313	ug/l	99
20) Methylene Chloride	2.85	84	38548	20.583	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32335	20.137	ug/l	98
22) Diisopropyl ether	3.85	45	149248	21.508	ug/l	92
23) Vinyl Acetate	3.81	43	651414	109.628	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71668	20.936	ug/l	99
25) 2-Butanone	4.67	43	200636	111.622	ug/l	98
26) 2,2-Dichloropropane	4.58	77	36568	14.352	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	39492	20.605	ug/l	97
28) Bromochloromethane	5.02	49	28154	18.716	ug/l	99
29) Tetrahydrofuran	5.13	42	133618	115.521	ug/l	99
30) Chloroform	5.21	83	66946	21.623	ug/l	95
31) Cyclohexane	5.58	56	65187	20.468	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	53572	20.786	ug/l	99
36) 1,1-Dichloropropene	5.81	75	48356	19.944	ug/l	99
37) Ethyl Acetate	4.84	43	74367	22.014	ug/l	98
38) Carbon Tetrachloride	5.79	117	44698	20.290	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56099	18.840	ug/l	99
40) Benzene	6.14	78	152893	20.375	ug/l	100
41) Methacrylonitrile	5.04	41	41463	20.619	ug/l	98
42) 1,2-Dichloroethane	6.20	62	57719	21.443	ug/l	100
43) Isopropyl Acetate	6.45	43	115475	21.370	ug/l	99
44) Trichloroethene	7.21	130	35981	19.835	ug/l	99
45) 1,2-Dichloropropane	7.51	63	43669	20.552	ug/l	100
46) Dibromomethane	7.66	93	25075	20.322	ug/l	98
47) Bromodichloromethane	7.90	83	50588	20.554	ug/l	100
48) Methyl methacrylate	7.77	41	57960	21.620	ug/l	99
49) 1,4-Dioxane	7.74	88	24176	444.674	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	393330	111.364	ug/l	100
52) Toluene	8.79	92	94674	20.756	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53566	19.277	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59882	19.469	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	38497	20.687	ug/l	96
56) Ethyl methacrylate	9.18	69	68949	20.756	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68453	20.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	160201	90.909	ug/l	99
59) 2-Hexanone	9.49	43	307328	110.791	ug/l	98
60) Dibromochloromethane	9.58	129	37119	20.423	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39041	20.784	ug/l	99
64) Tetrachloroethene	9.34	164	33915	20.974	ug/l	97
65) Chlorobenzene	10.13	112	96691	20.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34936	20.434	ug/l	99
67) Ethyl Benzene	10.25	91	178278	20.542	ug/l	99
68) m/p-Xylenes	10.36	106	130806	41.244	ug/l	99
69) o-Xylene	10.69	106	64623	20.652	ug/l	100
70) Styrene	10.71	104	112016	20.596	ug/l	98
71) Bromoform	10.85	173	28149	20.260	ug/l #	100
73) Isopropylbenzene	11.02	105	173106	20.249	ug/l	99
74) N-amyl acetate	10.90	43	104842	21.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65168	20.449	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	56400m	20.683	ug/l	
77) Bromobenzene	11.26	156	42765	20.155	ug/l	99
78) n-propylbenzene	11.36	91	193391	19.809	ug/l	100
79) 2-Chlorotoluene	11.42	91	118652	19.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	145556	20.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18084	16.968	ug/l	91
82) 4-Chlorotoluene	11.51	91	134883	19.822	ug/l	100
83) tert-Butylbenzene	11.77	119	137990	19.707	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	145194	20.096	ug/l	99
85) sec-Butylbenzene	11.94	105	163564	19.703	ug/l	100
86) p-Isopropyltoluene	12.06	119	147354	19.744	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75827	20.047	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75425	19.779	ug/l	99
89) n-Butylbenzene	12.38	91	128663	19.074	ug/l	100
90) Hexachloroethane	12.59	117	24261	19.081	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	78874	20.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15687	21.943	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	51762	19.647	ug/l	99
94) Hexachlorobutadiene	13.78	225	26507	19.702	ug/l	99
95) Naphthalene	13.83	128	179859	20.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54534	20.420	ug/l	99

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

