

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009531.D
 Acq On : 11 May 2019 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 4:27:33 PM

Quant Time: May 12 02:39:47 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	161574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112946	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	83491	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	8.71	98	334400	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	125245	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68124	45.754	ug/l	100
3) Chloromethane	1.32	50	100427	49.404	ug/l	99
4) Vinyl Chloride	1.41	62	100559	50.731	ug/l	98
5) Bromomethane	1.64	94	63964	53.763	ug/l	97
6) Chloroethane	1.71	64	63243	49.694	ug/l	99
7) Trichlorofluoromethane	1.92	101	124772	51.784	ug/l	97
8) Diethyl Ether	2.19	74	58704	51.435	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76533	50.581	ug/l	99
10) Methyl Iodide	2.51	142	92298	52.271	ug/l	99
11) Tert butyl alcohol	3.06	59	140492	275.172	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78876	52.028	ug/l	99
13) Acrolein	2.29	56	116207	251.324	ug/l	99
14) Allyl chloride	2.73	41	185779	50.284	ug/l	99
15) Acrylonitrile	3.14	53	324568	259.996	ug/l	99
16) Acetone	2.45	43	285386	240.962	ug/l	98
17) Carbon Disulfide	2.57	76	221272	51.986	ug/l	99
18) Methyl Acetate	2.78	43	140590	49.914	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	306317	52.032	ug/l	98
20) Methylene Chloride	2.85	84	95199	49.644	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	85757	52.159	ug/l	98
22) Diisopropyl ether	3.85	45	368727	51.896	ug/l	96
23) Vinyl Acetate	3.81	43	1656995	272.345	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178633	50.965	ug/l	99
25) 2-Butanone	4.68	43	482680	262.260	ug/l	100
26) 2,2-Dichloropropane	4.58	77	118174	45.296	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	101006	51.469	ug/l	98
28) Bromochloromethane	5.01	49	67393	47.635	ug/l	100
29) Tetrahydrofuran	5.13	42	320587	270.691	ug/l	99
30) Chloroform	5.21	83	164981	52.043	ug/l	100
31) Cyclohexane	5.57	56	170604	52.317	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137569	52.130	ug/l	100
36) 1,1-Dichloropropene	5.80	75	126815	52.879	ug/l	99
37) Ethyl Acetate	4.84	43	181472	54.310	ug/l	99
38) Carbon Tetrachloride	5.78	117	115745	53.120	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153636	52.164	ug/l	98
40) Benzene	6.14	78	389490	52.477	ug/l	99
41) Methacrylonitrile	5.04	41	102649	51.607	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141080	52.990	ug/l	100
43) Isopropyl Acetate	6.45	43	288657	54.007	ug/l	100
44) Trichloroethene	7.21	130	92684	51.655	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109779	52.235	ug/l	99
46) Dibromomethane	7.66	93	63948	52.398	ug/l	99
47) Bromodichloromethane	7.90	83	129521	53.204	ug/l	99
48) Methyl methacrylate	7.77	41	144905	54.647	ug/l	99
49) 1,4-Dioxane	7.74	88	58874	1094.808	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	961755	275.301	ug/l	100
52) Toluene	8.79	92	238947	52.962	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	145854	53.067	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	162834	53.525	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96519	52.438	ug/l	97
56) Ethyl methacrylate	9.18	69	177426	54.001	ug/l	98
57) 1,3-Dichloropropane	9.37	76	169094	52.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	421339	241.729	ug/l	99
59) 2-Hexanone	9.49	43	759485	276.808	ug/l	100
60) Dibromochloromethane	9.58	129	97414	54.188	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98684	53.113	ug/l	99
64) Tetrachloroethene	9.33	164	83526	52.113	ug/l	97
65) Chlorobenzene	10.14	112	247582	52.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	90815	53.591	ug/l	99
67) Ethyl Benzene	10.25	91	459330	53.396	ug/l	99
68) m/p-Xylenes	10.36	106	342372	108.912	ug/l	100
69) o-Xylene	10.69	106	166027	53.529	ug/l	99
70) Styrene	10.71	104	293571	54.458	ug/l	100
71) Bromoform	10.85	173	74852	54.354	ug/l #	100
73) Isopropylbenzene	11.02	105	438849	50.702	ug/l	99
74) N-amyl acetate	10.90	43	268801	53.268	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	165011	51.141	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	141659m	51.308	ug/l	
77) Bromobenzene	11.26	156	110650	51.505	ug/l	99
78) n-propylbenzene	11.36	91	510677	51.662	ug/l	100
79) 2-Chlorotoluene	11.42	91	305999	50.176	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	377789	51.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55003	50.972	ug/l	97
82) 4-Chlorotoluene	11.51	91	353327	51.284	ug/l	100
83) tert-Butylbenzene	11.77	119	362658	51.153	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380287	51.986	ug/l	100
85) sec-Butylbenzene	11.94	105	433329	51.554	ug/l	100
86) p-Isopropyltoluene	12.06	119	393762	52.110	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198504	51.832	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	199278	51.612	ug/l	99
89) n-Butylbenzene	12.38	91	358635	52.511	ug/l	99
90) Hexachloroethane	12.60	117	66556	51.700	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	201963	51.775	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37899	52.359	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	141141	52.912	ug/l	99
94) Hexachlorobutadiene	13.78	225	70674	51.883	ug/l	99
95) Naphthalene	13.83	128	459014	52.891	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140512	51.966	ug/l	100

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

