

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009535.D
 Acq On : 13 May 2019 12:02
 Operator : JC/SP
 Sample : VX0513WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 12:15:52 PM

Quant Time: May 14 03:57:41 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	173829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109039	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	5.49	113	81174	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.71	98	327572	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.13	95	120134	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29572	18.461	ug/l	99
3) Chloromethane	1.32	50	43973	20.107	ug/l	99
4) Vinyl Chloride	1.41	62	41570	19.493	ug/l	94
5) Bromomethane	1.64	94	27001	21.095	ug/l	95
6) Chloroethane	1.72	64	27225	19.884	ug/l	100
7) Trichlorofluoromethane	1.93	101	53455	20.621	ug/l	96
8) Diethyl Ether	2.18	74	24308	19.797	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33524	20.594	ug/l	98
10) Methyl Iodide	2.51	142	36020	21.888	ug/l	100
11) Tert butyl alcohol	3.04	59	51548	93.846	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32763	20.087	ug/l	96
13) Acrolein	2.29	56	39978	80.366	ug/l	100
14) Allyl chloride	2.73	41	78658	19.789	ug/l	99
15) Acrylonitrile	3.14	53	129912	96.730	ug/l	100
16) Acetone	2.44	43	125145	98.215	ug/l	99
17) Carbon Disulfide	2.57	76	94576	20.653	ug/l	98
18) Methyl Acetate	2.77	43	56002	18.481	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	127543	20.137	ug/l	100
20) Methylene Chloride	2.85	84	40625	19.691	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36709	20.753	ug/l	99
22) Diisopropyl ether	3.85	45	154013	20.148	ug/l	89
23) Vinyl Acetate	3.81	43	678527	103.661	ug/l	100
24) 1,1-Dichloroethane	3.70	63	75983	20.150	ug/l	99
25) 2-Butanone	4.67	43	194292	98.124	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57055	20.327	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	43509	20.608	ug/l	97
28) Bromochloromethane	5.01	49	26589	15.632	ug/l	99
29) Tetrahydrofuran	5.12	42	124773	97.926	ug/l	100
30) Chloroform	5.21	83	68853	20.188	ug/l	98
31) Cyclohexane	5.57	56	73607	20.981	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	57949	20.411	ug/l	100
36) 1,1-Dichloropropene	5.79	75	54533	21.655	ug/l	99
37) Ethyl Acetate	4.82	43	71628	20.414	ug/l	99
38) Carbon Tetrachloride	5.78	117	48252	21.089	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009535.D
 Acq On : 13 May 2019 12:02
 Operator : JC/SP
 Sample : VX0513WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 12:15:52 PM

Quant Time: May 14 03:57:41 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)
39) Methylcyclohexane	7.46	83	67359	21.780	ug/l	99
40) Benzene	6.14	78	163297	20.952	ug/l	98
41) Methacrylonitrile	5.03	41	40907	19.585	ug/l	98
42) 1,2-Dichloroethane	6.18	62	59698	21.353	ug/l	99
43) Isopropyl Acetate	6.44	43	113532	20.229	ug/l	100
44) Trichloroethene	7.21	130	39031	20.715	ug/l	96
45) 1,2-Dichloropropane	7.51	63	46435	21.041	ug/l	98
46) Dibromomethane	7.66	93	26410	20.608	ug/l	97
47) Bromodichloromethane	7.90	83	53131	20.784	ug/l	96
48) Methyl methacrylate	7.76	41	57779	20.750	ug/l	98
49) 1,4-Dioxane	7.73	88	22289	394.715	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	374009	101.954	ug/l	100
52) Toluene	8.78	92	100162	21.142	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60392	20.925	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	67466	21.119	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	40845	21.132	ug/l	98
56) Ethyl methacrylate	9.18	69	70708	20.494	ug/l	100
57) 1,3-Dichloropropane	9.37	76	70803	20.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	166717	91.087	ug/l	100
59) 2-Hexanone	9.49	43	288319	100.072	ug/l	99
60) Dibromochloromethane	9.58	129	39750	21.057	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41079	21.055	ug/l	100
64) Tetrachloroethene	9.34	164	37221	22.274	ug/l	99
65) Chlorobenzene	10.13	112	102823	21.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	37136	21.019	ug/l	99
67) Ethyl Benzene	10.25	91	193381	21.562	ug/l	99
68) m/p-Xylenes	10.35	106	141960	43.315	ug/l	99
69) o-Xylene	10.69	106	67586	20.901	ug/l	99
70) Styrene	10.71	104	118396	21.066	ug/l	99
71) Bromoform	10.85	173	29896	20.823	ug/l #	98
73) Isopropylbenzene	11.02	105	184895	20.823	ug/l	100
74) N-amyl acetate	10.90	43	100603	19.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	64532	19.496	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57737m	20.385	ug/l	
77) Bromobenzene	11.25	156	45708	20.740	ug/l	98
78) n-propylbenzene	11.36	91	214873	21.189	ug/l	100
79) 2-Chlorotoluene	11.42	91	126098	20.156	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	157217	21.029	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21410	19.341	ug/l	97
82) 4-Chlorotoluene	11.51	91	146623	20.745	ug/l	99
83) tert-Butylbenzene	11.77	119	150862	20.743	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	158024	21.058	ug/l	98
85) sec-Butylbenzene	11.94	105	180838	20.972	ug/l	99
86) p-Isopropyltoluene	12.06	119	166375	21.463	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81840	20.831	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	81852	20.665	ug/l	99
89) n-Butylbenzene	12.38	91	149347	21.316	ug/l	100
90) Hexachloroethane	12.59	117	27030	20.467	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	81368	20.334	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14796	19.926	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
Data File : VX009535.D
Acq On : 13 May 2019 12:02
Operator : JC/SP
Sample : VX0513WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Manual Integrations
APPROVED

MMDadoda
5/14/2019 12:15:52 PM

Quant Time: May 14 03:57:41 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)
93) 1,2,4-Trichlorobenzene	13.65	180	59220	21.641	ug/l	99
94) Hexachlorobutadiene	13.78	225	30458	21.796	ug/l	99
95) Naphthalene	13.83	128	185535	20.840	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60307	21.741	ug/l	99

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

