

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009172.D
 Acq On : 25 Apr 2019 19:03
 Operator : JC/SP
 Sample : K2535-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:05:26 AM

Quant Time: Apr 26 07:34:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	126690	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	5.50	113	92925	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	8.71	98	366117	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	11.13	95	135366	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	107890	49.426	ug/l 99
3) Chloromethane	1.32	50	133105	49.668	ug/l 99
4) Vinyl Chloride	1.40	62	125956	48.290	ug/l 100
5) Bromomethane	1.64	94	67368	41.919	ug/l 98
6) Chloroethane	1.71	64	75579	49.276	ug/l 97
7) Trichlorofluoromethane	1.92	101	146058	47.961	ug/l 99
8) Diethyl Ether	2.19	74	67230	48.273	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90032	46.239	ug/l 100
10) Methyl Iodide	2.51	142	104913	49.344	ug/l 100
11) Tert butyl alcohol	3.06	59	164723	277.848	ug/l 98
12) 1,1-Dichloroethene	2.37	96	92818	45.670	ug/l 99
13) Acrolein	2.29	56	116118	226.683	ug/l 100
14) Allyl chloride	2.73	41	219090	49.412	ug/l 98
15) Acrylonitrile	3.14	53	398816	265.003	ug/l 100
16) Acetone	2.45	43	347452	250.862	ug/l 99
17) Carbon Disulfide	2.57	76	264571	44.443	ug/l 99
18) Methyl Acetate	2.78	43	157232	45.486	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	355614	49.108	ug/l 100
20) Methylene Chloride	2.85	84	112217	47.378	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	97709	45.074	ug/l 96
22) Diisopropyl ether	3.85	45	432934	50.248	ug/l 97
23) Vinyl Acetate	3.82	43	1692320	223.445	ug/l 99
24) 1,1-Dichloroethane	3.70	63	209496	48.438	ug/l 99
25) 2-Butanone	4.68	43	587840	265.525	ug/l 100
26) 2,2-Dichloropropane	4.58	77	122629	37.825	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	115912	47.096	ug/l 98
28) Bromochloromethane	5.01	49	91340	50.878	ug/l 99
29) Tetrahydrofuran	5.13	42	392385	264.804	ug/l 99
30) Chloroform	5.21	83	188372	48.671	ug/l 99
31) Cyclohexane	5.58	56	203120	47.749	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	155268	48.404	ug/l 99
36) 1,1-Dichloropropene	5.80	75	143724	44.216	ug/l 99
37) Ethyl Acetate	4.84	43	193593	46.285	ug/l 99
38) Carbon Tetrachloride	5.78	117	128377	46.587	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009172.D
 Acq On : 25 Apr 2019 19:03
 Operator : JC/SP
 Sample : K2535-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 S37-0016MS

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:05:26 AM

Quant Time: Apr 26 07:34:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186049	47.011	ug/l	98
40) Benzene	6.14	78	450069	46.935	ug/l	100
41) Methacrylonitrile	5.04	41	122831	51.168	ug/l	99
42) 1,2-Dichloroethane	6.20	62	161614	47.578	ug/l	99
43) Isopropyl Acetate	6.45	43	311764	46.254	ug/l	99
44) Trichloroethene	7.21	130	104121	44.316	ug/l	97
45) 1,2-Dichloropropane	7.51	63	128302	48.229	ug/l	99
46) Dibromomethane	7.66	93	73488	47.467	ug/l	99
47) Bromodichloromethane	7.90	83	145683	47.976	ug/l	99
48) Methyl methacrylate	7.77	41	170846	51.298	ug/l	99
49) 1,4-Dioxane	7.74	88	60331	967.841	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1152967	268.502	ug/l	99
52) Toluene	8.79	92	269804	46.948	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163182	46.694	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	180314	46.079	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111815	49.092	ug/l	98
56) Ethyl methacrylate	9.18	69	204846	50.157	ug/l	98
57) 1,3-Dichloropropane	9.37	76	196519	48.459	ug/l	99
59) 2-Hexanone	9.49	43	905135	273.401	ug/l	99
60) Dibromochloromethane	9.59	129	109261	50.052	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113311	48.202	ug/l	99
64) Tetrachloroethene	9.34	164	90108	41.768	ug/l	98
65) Chlorobenzene	10.14	112	277044	46.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	100928	47.797	ug/l	99
67) Ethyl Benzene	10.25	91	513102	46.827	ug/l	99
68) m/p-Xylenes	10.36	106	376072	94.439	ug/l	99
69) o-Xylene	10.70	106	184412	47.594	ug/l	99
70) Stvrene	10.71	104	321147	47.828	ug/l	99
71) Bromoform	10.86	173	82786	49.210	ug/l #	98
73) Isopropylbenzene	11.02	105	489375	47.507	ug/l	100
74) N-amyl acetate	10.90	43	269376	45.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	188732	50.144	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	184913m	55.723	ug/l	
77) Bromobenzene	11.26	156	119708	46.059	ug/l	99
78) n-propylbenzene	11.36	91	564538	47.748	ug/l	100
79) 2-Chlorotoluene	11.42	91	336522	47.233	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412919	47.768	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59197	45.798	ug/l	96
82) 4-Chlorotoluene	11.51	91	388860	46.995	ug/l	100
83) tert-Butylbenzene	11.77	119	397922	47.947	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	418272	47.536	ug/l	99
85) sec-Butylbenzene	11.94	105	475246	48.013	ug/l	100
86) p-Isopropyltoluene	12.06	119	431378	47.403	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211452	46.484	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210184	45.581	ug/l	100
89) n-Butylbenzene	12.38	91	387883	45.767	ug/l	100
90) Hexachloroethane	12.60	117	72776	48.481	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	216190	48.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43941	51.276	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	148968	45.942	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042519\
Data File : VX009172.D
Acq On : 25 Apr 2019 19:03
Operator : JC/SP
Sample : K2535-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

Manual Integrations
APPROVED

MMdadoda
4/26/2019 10:05:26 AM

Quant Time: Apr 26 07:34:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	74030	45.776	ug/l	99
95) Naphthalene	13.83	128	505531	48.662	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	150580	47.066	ug/l	100

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

