

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062619\
 Data File : VX010472.D
 Acq On : 26 Jun 2019 18:53
 Operator : JC/SP
 Sample : K3527-19MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5S-R-M24W1-061919MS

Manual Integrations
 APPROVED

MMDadoda
 6/27/2019 10:11:43 AM

Quant Time: Jun 27 03:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123354	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.50	113	119293	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	8.71	98	448920	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	159478	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79950	45.568	ug/l	99
3) Chloromethane	1.32	50	84393	41.307	ug/l	99
4) Vinyl Chloride	1.41	62	100622	44.966	ug/l	98
5) Bromomethane	1.64	94	52472	48.131	ug/l	99
6) Chloroethane	1.71	64	66346	50.253	ug/l	95
7) Trichlorofluoromethane	1.92	101	179382	50.568	ug/l	98
8) Diethyl Ether	2.19	74	64915	51.028	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104430	48.578	ug/l	99
10) Methyl Iodide	2.51	142	153104	49.904	ug/l	98
11) Tert butyl alcohol	3.05	59	150071	242.379	ug/l	100
12) 1,1-Dichloroethene	2.37	96	104655	47.843	ug/l	97
13) Acrolein	2.29	56	85655	208.541	ug/l	99
14) Allyl chloride	2.73	41	152154	48.994	ug/l	99
15) Acrylonitrile	3.14	53	312367	254.814	ug/l	99
16) Acetone	2.45	43	245053	206.644	ug/l	98
17) Carbon Disulfide	2.57	76	251196	42.803	ug/l	99
18) Methyl Acetate	2.78	43	114936	48.629	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	346483	50.349	ug/l	98
20) Methylene Chloride	2.85	84	119575	48.997	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112532	47.832	ug/l	100
22) Diisopropyl ether	3.85	45	325387	50.113	ug/l	97
23) Vinyl Acetate	3.82	43	1344779	239.741	ug/l	100
24) 1,1-Dichloroethane	3.70	63	187705	50.012	ug/l	99
25) 2-Butanone	4.67	43	418181	240.400	ug/l	99
26) 2,2-Dichloropropane	4.58	77	143753	44.091	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	135075	49.684	ug/l	99
28) Bromochloromethane	5.02	49	91311	50.884	ug/l	97
29) Tetrahydrofuran	5.13	42	278882	258.830	ug/l	99
30) Chloroform	5.21	83	202440	50.130	ug/l	99
31) Cyclohexane	5.58	56	166282	48.651	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	178388	50.028	ug/l	100
36) 1,1-Dichloropropene	5.80	75	146265	48.362	ug/l	98
37) Ethyl Acetate	4.84	43	150805	48.469	ug/l	100
38) Carbon Tetrachloride	5.79	117	160408	48.980	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010472.D
 Acq On : 26 Jun 2019 18:53
 Operator : JC/SP
 Sample : K3527-19MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5S-R-M24W1-061919MS

Manual Integrations
 APPROVED

MMDadoda
 6/27/2019 10:11:43 AM

Quant Time: Jun 27 03:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182529	45.914	ug/l	99
40) Benzene	6.14	78	465859	49.442	ug/l	99
41) Methacrylonitrile	5.04	41	86152	50.466	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148265	51.693	ug/l	99
43) Isopropyl Acetate	6.45	43	248388	48.252	ug/l	99
44) Trichloroethene	7.21	130	135949	48.219	ug/l	99
45) 1,2-Dichloropropane	7.51	63	118196	49.674	ug/l	99
46) Dibromomethane	7.66	93	86282	50.541	ug/l	98
47) Bromodichloromethane	7.90	83	156838	50.130	ug/l	100
48) Methyl methacrylate	7.77	41	123198	51.489	ug/l	99
49) 1,4-Dioxane	7.74	88	67776	983.287	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	832266	252.795	ug/l	99
52) Toluene	8.79	92	301772	48.634	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	169649	48.366	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186121	48.828	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	129491	50.601	ug/l	99
56) Ethyl methacrylate	9.18	69	190318	49.094	ug/l	98
57) 1,3-Dichloropropane	9.37	76	200546	50.484	ug/l	100
59) 2-Hexanone	9.49	43	636607	245.687	ug/l	99
60) Dibromochloromethane	9.58	129	143052	49.926	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138340	50.083	ug/l	99
64) Tetrachloroethene	9.34	164	133116	47.844	ug/l	96
65) Chlorobenzene	10.14	112	340863	48.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130480	51.293	ug/l	99
67) Ethyl Benzene	10.25	91	580896	49.270	ug/l	99
68) m/p-Xylenes	10.36	106	443350	97.049	ug/l	99
69) o-Xylene	10.69	106	219601	48.881	ug/l	98
70) Styrene	10.71	104	371071	49.252	ug/l	100
71) Bromoform	10.85	173	109343	49.428	ug/l	98
73) Isopropylbenzene	11.02	105	582417	49.049	ug/l	99
74) N-amyl acetate	10.90	43	207322	46.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	196089	49.864	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157499m	49.341	ug/l	
77) Bromobenzene	11.26	156	159953	48.242	ug/l	99
78) n-propylbenzene	11.36	91	642739	49.251	ug/l	100
79) 2-Chlorotoluene	11.42	91	374053	48.133	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	476281	48.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60662	44.335	ug/l	94
82) 4-Chlorotoluene	11.51	91	432751	48.938	ug/l	99
83) tert-Butylbenzene	11.77	119	484127	49.275	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	480804	48.888	ug/l	100
85) sec-Butylbenzene	11.94	105	559300	48.483	ug/l	100
86) p-Isopropyltoluene	12.06	119	517905	48.537	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	276211	47.724	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	275546	46.765	ug/l	100
89) n-Butylbenzene	12.38	91	431868	47.630	ug/l	100
90) Hexachloroethane	12.60	117	89822	48.683	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	276011	47.983	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39739	46.870	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	187968	47.121	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
Data File : VX010472.D
Acq On : 26 Jun 2019 18:53
Operator : JC/SP
Sample : K3527-19MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Manual Integrations
APPROVED

MMDadoda
6/27/2019 10:11:43 AM

Quant Time: Jun 27 03:27:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	85871	44.046	ug/l	99
95) Naphthalene	13.83	128	595266	48.559	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189216	47.708	ug/l	100

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

