

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013234.D
 Acq On : 25 Oct 2019 16:27
 Operator : JC/SP
 Sample : K5546-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:02 PM

Quant Time: Oct 26 00:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	76642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	110733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	112934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	76011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	82282	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.48	113	64624	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	8.71	98	233912	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	91186	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	76180	49.260	ug/l	99
3) Chloromethane	1.32	50	60554	47.595	ug/l	98
4) Vinyl Chloride	1.40	62	65948	47.385	ug/l	99
5) Bromomethane	1.63	94	35139	47.635	ug/l	98
6) Chloroethane	1.71	64	41051	52.852	ug/l	100
7) Trichlorofluoromethane	1.92	101	117075	53.289	ug/l	96
8) Diethyl Ether	2.18	74	38535	51.160	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67939	49.951	ug/l	98
10) Methyl Iodide	2.50	142	87813	51.159	ug/l	100
11) Tert butyl alcohol	3.03	59	89913	258.587	ug/l	100
12) 1,1-Dichloroethene	2.36	96	64775	49.613	ug/l	98
13) Acrolein	2.28	56	50869	270.472	ug/l	96
14) Allyl chloride	2.72	41	99828	48.568	ug/l	99
15) Acrylonitrile	3.13	53	178716	252.935	ug/l	100
16) Acetone	2.44	43	162484	215.151	ug/l	99
17) Carbon Disulfide	2.56	76	160522	45.732	ug/l	99
18) Methyl Acetate	2.76	43	84305	51.102	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	241129	52.446	ug/l	100
20) Methylene Chloride	2.84	84	72908	51.615	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	69626	51.242	ug/l	87
22) Diisopropyl ether	3.84	45	202820	50.466	ug/l	97
23) Vinyl Acetate	3.80	43	870788	254.919	ug/l	99
24) 1,1-Dichloroethane	3.69	63	126216	51.058	ug/l	99
25) 2-Butanone	4.66	43	242691	239.621	ug/l	99
26) 2,2-Dichloropropane	4.57	77	108108	47.320	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	80723	50.485	ug/l	97
28) Bromochloromethane	5.00	49	34779	54.562	ug/l	98
29) Tetrahydrofuran	5.12	42	149433	244.777	ug/l	98
30) Chloroform	5.20	83	137225	52.138	ug/l	96
31) Cyclohexane	5.57	56	102973	49.671	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	125138	53.474	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97269	52.480	ug/l	100
37) Ethyl Acetate	4.82	43	92617	50.191	ug/l	99
38) Carbon Tetrachloride	5.78	117	107384	52.465	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013234.D
 Acq On : 25 Oct 2019 16:27
 Operator : JC/SP
 Sample : K5546-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:02 PM

Quant Time: Oct 26 00:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110445	46.590	ug/l	98
40) Benzene	6.13	78	281849	50.674	ug/l	99
41) Methacrylonitrile	5.03	41	51431	51.986	ug/l	98
42) 1,2-Dichloroethane	6.19	62	113758	54.246	ug/l	100
43) Isopropyl Acetate	6.43	43	157317	51.348	ug/l	99
44) Trichloroethene	7.20	130	79532	50.382	ug/l	98
45) 1,2-Dichloropropane	7.51	63	69177	49.658	ug/l	100
46) Dibromomethane	7.65	93	51624	51.436	ug/l	99
47) Bromodichloromethane	7.89	83	106501	54.450	ug/l	96
48) Methyl methacrylate	7.76	41	77947	51.475	ug/l	98
49) 1,4-Dioxane	7.73	88	37887	983.060	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	486129	260.318	ug/l	100
52) Toluene	8.78	92	182942	49.631	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	113723	54.713	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	119594	52.597	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	75693	51.940	ug/l	98
56) Ethyl methacrylate	9.17	69	119249	54.368	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125836	51.175	ug/l	100
59) 2-Hexanone	9.49	43	372585	259.013	ug/l	98
60) Dibromochloromethane	9.57	129	85009	55.669	ug/l	100
61) 1,2-Dibromoethane	9.67	107	81764	52.850	ug/l	100
64) Tetrachloroethene	9.33	164	75140	54.081	ug/l	96
65) Chlorobenzene	10.14	112	196810	49.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79423	54.384	ug/l	97
67) Ethyl Benzene	10.25	91	361451	51.071	ug/l	98
68) m/p-Xylenes	10.36	106	268280	100.304	ug/l	99
69) o-Xylene	10.70	106	129367	50.421	ug/l	98
70) Styrene	10.71	104	224794	50.881	ug/l	99
71) Bromoform	10.85	173	59901	56.135	ug/l #	99
73) Isopropylbenzene	11.01	105	353261	51.179	ug/l	97
74) N-amyl acetate	10.89	43	134581	53.122	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	112941	53.888	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	91335m	49.855	ug/l	
77) Bromobenzene	11.25	156	83857	50.689	ug/l	98
78) n-propylbenzene	11.35	91	386318	51.524	ug/l	99
79) 2-Chlorotoluene	11.42	91	243569	51.415	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	306024	53.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35681	53.520	ug/l	99
82) 4-Chlorotoluene	11.51	91	274809	51.197	ug/l	99
83) tert-Butylbenzene	11.76	119	296944	52.313	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	305978	52.873	ug/l	99
85) sec-Butylbenzene	11.94	105	337885	52.308	ug/l	100
86) p-Isopropyltoluene	12.06	119	316973	52.232	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	151664	50.746	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	150264	49.381	ug/l	97
89) n-Butylbenzene	12.39	91	255713	51.510	ug/l	97
90) Hexachloroethane	12.59	117	54879	54.000	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	149157	50.753	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28408	54.506	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	88824	47.997	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
Data File : VX013234.D
Acq On : 25 Oct 2019 16:27
Operator : JC/SP
Sample : K5546-03MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

Manual Integrations
APPROVED

MMDadoda
10/28/2019 12:53:02 PM

Quant Time: Oct 26 00:48:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	44182	46.153	ug/l	98
95) Naphthalene	13.83	128	297618	52.400	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	89253	48.807	ug/l	98

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

