

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016815.D
 Acq On : 17 Jun 2020 14:44
 Operator : JC/SP
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:15:57 AM

Quant Time: Jun 18 01:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	308819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167807	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.46	113	141500	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.70	98	600022	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
62) 4-Bromofluorobenzene	11.12	95	204426	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	77952	22.423	ug/l	99
3) Chloromethane	1.31	50	68739	20.390	ug/l	99
4) Vinyl Chloride	1.39	62	85719	23.830	ug/l	99
5) Bromomethane	1.63	94	54256	24.287	ug/l	99
6) Chloroethane	1.71	64	51718	23.341	ug/l	95
7) Trichlorofluoromethane	1.92	101	112478	21.711	ug/l	99
8) Diethyl Ether	2.17	74	45138	21.336	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64484	24.465	ug/l	96
10) Methyl Iodide	2.49	142	52617	15.971	ug/l	97
11) Tert butyl alcohol	3.00	59	76109	87.217	ug/l	99
12) 1,1-Dichloroethene	2.36	96	65582	21.728	ug/l	95
13) Acrolein	2.27	56	32448	88.829	ug/l	97
14) Allyl chloride	2.71	41	88983	18.849	ug/l	98
15) Acrylonitrile	3.11	53	162719	91.893	ug/l	99
16) Acetone	2.42	43	149936	95.158	ug/l	98
17) Carbon Disulfide	2.55	76	156314	18.083	ug/l	99
18) Methyl Acetate	2.75	43	83411	19.833	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	189801	18.450	ug/l	96
20) Methylene Chloride	2.83	84	63262	18.640	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	61081	18.832	ug/l	100
22) Diisopropyl ether	3.82	45	176354	19.888	ug/l	92
23) Vinyl Acetate	3.78	43	721452	94.133	ug/l	99
24) 1,1-Dichloroethane	3.67	63	105244	18.977	ug/l	99
25) 2-Butanone	4.63	43	219285	92.343	ug/l	98
26) 2,2-Dichloropropane	4.55	77	93678	18.242	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	69069	18.631	ug/l	98
28) Bromochloromethane	4.98	49	45182	19.098	ug/l	97
29) Tetrahydrofuran	5.08	42	143368	93.197	ug/l	99
30) Chloroform	5.17	83	107581	18.335	ug/l	100
31) Cyclohexane	5.55	56	90671	20.716	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	99444	18.678	ug/l	100
36) 1,1-Dichloropropene	5.77	75	81681	19.792	ug/l	99
37) Ethyl Acetate	4.79	43	84763	18.755	ug/l	99
38) Carbon Tetrachloride	5.75	117	89846	19.170	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016815.D
 Acq On : 17 Jun 2020 14:44
 Operator : JC/SP
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:15:57 AM

Quant Time: Jun 18 01:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	109248	23.347	ug/l	97
40) Benzene	6.11	78	244365	19.448	ug/l	99
41) Methacrylonitrile	4.99	41	45522	18.891	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84349	18.393	ug/l	99
43) Isopropyl Acetate	6.41	43	135282	19.099	ug/l	99
44) Trichloroethene	7.18	130	80174	20.628	ug/l	100
45) 1,2-Dichloropropane	7.49	63	72637	23.582	ug/l	98
46) Dibromomethane	7.64	93	45361	20.206	ug/l	99
47) Bromodichloromethane	7.87	83	100457	21.464	ug/l	99
48) Methyl methacrylate	7.74	41	75208	22.402	ug/l	96
49) 1,4-Dioxane	7.71	88	37338	449.417	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	488527	111.925	ug/l	100
52) Toluene	8.76	92	170090	20.840	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	96847	18.320	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	118657	21.519	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63333	19.295	ug/l	98
56) Ethyl methacrylate	9.16	69	94988	19.329	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105043	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	282081	116.739	ug/l	97
59) 2-Hexanone	9.47	43	321298	95.356	ug/l	99
60) Dibromochloromethane	9.56	129	71544	18.443	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67462	18.859	ug/l	99
64) Tetrachloroethene	9.32	164	91621	22.014	ug/l	97
65) Chlorobenzene	10.12	112	169453	19.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	65186	18.580	ug/l	99
67) Ethyl Benzene	10.23	91	292556	19.677	ug/l	99
68) m/p-Xylenes	10.34	106	225516	40.006	ug/l	100
69) o-Xylene	10.68	106	106531	19.616	ug/l	100
70) Styrene	10.70	104	182832	19.475	ug/l	99
71) Bromoform	10.84	173	57104	19.076	ug/l #	95
73) Isopropylbenzene	11.00	105	283615	18.245	ug/l	100
74) N-amyl acetate	10.88	43	109499	18.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71446	15.624	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	93968m	18.861	ug/l	
77) Bromobenzene	11.24	156	76937	17.529	ug/l	99
78) n-propylbenzene	11.34	91	329582	19.523	ug/l	100
79) 2-Chlorotoluene	11.40	91	213664	20.015	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	266052	20.417	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	32248	16.295	ug/l	97
82) 4-Chlorotoluene	11.49	91	256069	20.493	ug/l	98
83) tert-Butylbenzene	11.76	119	238283	19.984	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	267471	20.291	ug/l	100
85) sec-Butylbenzene	11.93	105	291231	20.881	ug/l	100
86) p-Isopropyltoluene	12.05	119	272769	20.383	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	147774	19.915	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	154349	20.058	ug/l	99
89) n-Butylbenzene	12.37	91	215088	19.470	ug/l	99
90) Hexachloroethane	12.58	117	42434	17.195	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	133917	18.047	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20351	15.915	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
Data File : VX016815.D
Acq On : 17 Jun 2020 14:44
Operator : JC/SP
Sample : VX0617WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:15:57 AM

Quant Time: Jun 18 01:12:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89307	17.186	ug/l	98
94) Hexachlorobutadiene	13.77	225	39419	17.509	ug/l	98
95) Naphthalene	13.82	128	278784	17.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	87770	17.160	ug/l	99

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

