

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006040.D
 Acq On : 16 Nov 2018 10:55
 Operator : JC/MD
 Sample : VX1116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:23:11 PM

Quant Time: Nov 17 01:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	137816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	216567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	80176	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	65716	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
50) Toluene-d8	8.71	98	236293	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	89165	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24292	19.550	ug/l	95
3) Chloromethane	1.32	50	31286	19.185	ug/l	96
4) Vinyl Chloride	1.40	62	33017	20.168	ug/l	95
5) Bromomethane	1.64	94	19404	19.369	ug/l	98
6) Chloroethane	1.72	64	19495	19.958	ug/l	98
7) Trichlorofluoromethane	1.93	101	43405	19.975	ug/l	95
8) Diethyl Ether	2.19	74	18831	22.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26799	21.443	ug/l	99
10) Methyl Iodide	2.51	142	28730	18.967	ug/l	96
11) Tert butyl alcohol	3.06	59	46714	102.924	ug/l	99
12) 1,1-Dichloroethene	2.37	96	24835	20.388	ug/l	96
13) Acrolein	2.29	56	11125	66.630	ug/l	100
14) Allyl chloride	2.73	41	54898	20.179	ug/l	99
15) Acrylonitrile	3.15	53	101686	108.109	ug/l	99
16) Acetone	2.44	43	88463	103.700	ug/l	98
17) Carbon Disulfide	2.57	76	64421	17.730	ug/l	99
18) Methyl Acetate	2.78	43	52639	22.201	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	93882	22.581	ug/l	99
20) Methylene Chloride	2.85	84	29224	20.855	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26844	20.893	ug/l	91
22) Diisopropyl ether	3.87	45	100195	21.023	ug/l #	94
23) Vinyl Acetate	3.82	43	417019	102.052	ug/l	98
24) 1,1-Dichloroethane	3.70	63	51765	20.358	ug/l	100
25) 2-Butanone	4.70	43	134329	100.159	ug/l	96
26) 2,2-Dichloropropane	4.59	77	40580	21.756	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	30627	21.588	ug/l	96
28) Bromochloromethane	5.01	49	21045	18.519	ug/l	95
29) Tetrahydrofuran	5.15	42	86011	99.882	ug/l	100
30) Chloroform	5.21	83	48030	19.579	ug/l	97
31) Cyclohexane	5.57	56	41344	18.732	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	42178	20.613	ug/l	99
36) 1,1-Dichloropropene	5.80	75	35486	16.997	ug/l	98
37) Ethyl Acetate	4.85	43	49360	17.979	ug/l	100
38) Carbon Tetrachloride	5.78	117	35291	16.885	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006040.D
 Acq On : 16 Nov 2018 10:55
 Operator : JC/MD
 Sample : VX1116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:23:11 PM

Quant Time: Nov 17 01:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39718	18.770	ug/l	88
40) Benzene	6.14	78	114112	18.749	ug/l	100
41) Methacrylonitrile	5.06	41	26841	18.093	ug/l	99
42) 1,2-Dichloroethane	6.20	62	41256	18.925	ug/l	99
43) Isopropyl Acetate	6.46	43	75448	18.965	ug/l	99
44) Trichloroethene	7.22	130	32273	20.880	ug/l	85
45) 1,2-Dichloropropane	7.52	63	29803	20.175	ug/l	96
46) Dibromomethane	7.66	93	18130	19.558	ug/l	99
47) Bromodichloromethane	7.90	83	35134	20.055	ug/l	100
48) Methyl methacrylate	7.77	41	35666	19.967	ug/l	98
49) 1,4-Dioxane	7.75	88	15387	399.748	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	244946	97.697	ug/l	98
52) Toluene	8.79	92	65873	19.366	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	38827	18.781	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	42862	20.341	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	28332	18.689	ug/l	99
56) Ethyl methacrylate	9.18	69	42495	18.734	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46708	18.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	127015	107.638	ug/l	100
59) 2-Hexanone	9.49	43	194597	88.053	ug/l	99
60) Dibromochloromethane	9.59	129	28429	17.352	ug/l	98
61) 1,2-Dibromoethane	9.67	107	28662	17.098	ug/l	99
64) Tetrachloroethene	9.34	164	30575	20.326	ug/l	98
65) Chlorobenzene	10.14	112	75937	21.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	27603	22.432	ug/l	100
67) Ethyl Benzene	10.25	91	126760	22.335	ug/l	100
68) m/p-Xylenes	10.36	106	98341	45.426	ug/l	100
69) o-Xylene	10.70	106	46877	24.148	ug/l	99
70) Styrene	10.71	104	79423	24.802	ug/l	100
71) Bromoform	10.86	173	23586	22.865	ug/l #	98
73) Isopropylbenzene	11.02	105	131432	23.204	ug/l	100
74) N-amyl acetate	10.90	43	61247	20.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	44745	21.523	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	43647m	21.885	ug/l	
77) Bromobenzene	11.26	156	34786	21.789	ug/l	99
78) n-propylbenzene	11.36	91	149745	22.433	ug/l	100
79) 2-Chlorotoluene	11.42	91	90803	22.505	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110223	22.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13956	22.303	ug/l	98
82) 4-Chlorotoluene	11.51	91	106436	22.383	ug/l	100
83) tert-Butylbenzene	11.77	119	107529	22.082	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	113359	21.272	ug/l	100
85) sec-Butylbenzene	11.94	105	133168	22.364	ug/l	99
86) p-Isopropyltoluene	12.07	119	119981	22.747	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64143	20.935	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66050	21.058	ug/l	99
89) n-Butylbenzene	12.39	91	106103	21.705	ug/l	99
90) Hexachloroethane	12.60	117	18204	20.672	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	64848	21.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10409	20.517	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
Data File : VX006040.D
Acq On : 16 Nov 2018 10:55
Operator : JC/MD
Sample : VX1116WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Manual Integrations
APPROVED

MMDadoda
11/19/2018 12:23:11 PM

Quant Time: Nov 17 01:15:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48189	22.302	ug/l	99
94) Hexachlorobutadiene	13.79	225	25276	22.269	ug/l	99
95) Naphthalene	13.83	128	144072	21.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48998	22.259	ug/l	99

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

