

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006109.D
 Acq On : 20 Nov 2018 19:03
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 10:37:24 AM

Quant Time: Nov 21 08:13:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	364186	99.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.58%	
35) Dibromofluoromethane	5.50	113	298086	100.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.22%	
50) Toluene-d8	8.71	98	1151451	101.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.76%	
62) 4-Bromofluorobenzene	11.14	95	446926	104.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	220476	93.73	ug/l	98
3) Chloromethane	1.32	50	281147	94.62	ug/l	99
4) Vinyl Chloride	1.41	62	286798	94.89	ug/l	98
5) Bromomethane	1.64	94	227020	108.34	ug/l	99
6) Chloroethane	1.71	64	163701	87.91	ug/l	99
7) Trichlorofluoromethane	1.92	101	385096	97.40	ug/l	99
8) Diethyl Ether	2.19	74	155901	93.28	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	216170	92.20	ug/l	99
10) Methyl Iodide	2.51	142	310377	105.59	ug/l	99
11) Tert butyl alcohol	3.09	59	373762	479.02	ug/l	99
12) 1,1-Dichloroethene	2.37	96	207593	90.82	ug/l	92
13) Acrolein	2.29	56	225843	483.71	ug/l	98
14) Allyl chloride	2.72	41	444592	95.08	ug/l	99
15) Acrylonitrile	3.15	53	839204	486.94	ug/l	100
16) Acetone	2.45	43	751951	462.00	ug/l	100
17) Carbon Disulfide	2.56	76	607779	98.48	ug/l	98
18) Methyl Acetate	2.78	43	407281	97.58	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	747116	94.57	ug/l	100
20) Methylene Chloride	2.85	84	241318	89.99	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	230703	96.47	ug/l	94
22) Diisopropyl ether	3.87	45	1027043	102.60	ug/l	99
23) Vinyl Acetate	3.82	43	4390517	528.66	ug/l	100
24) 1,1-Dichloroethane	3.70	63	454701	96.42	ug/l	99
25) 2-Butanone	4.70	43	1485463	491.70	ug/l	99
26) 2,2-Dichloropropane	4.58	77	374165	96.26	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	316433	94.67	ug/l	98
28) Bromochloromethane	5.02	49	257236	93.59	ug/l	99
29) Tetrahydrofuran	5.15	42	960155	509.48	ug/l	100
30) Chloroform	5.21	83	530834	92.88	ug/l	100
31) Cyclohexane	5.57	56	482219	97.89	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	456388	98.90	ug/l	100
36) 1,1-Dichloropropene	5.80	75	406731	96.38	ug/l	99
37) Ethyl Acetate	4.86	43	533080	98.18	ug/l	100
38) Carbon Tetrachloride	5.78	117	396860	100.05	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006109.D
 Acq On : 20 Nov 2018 19:03
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 10:37:24 AM

Quant Time: Nov 21 08:13:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	481251	100.10	ug/l	99
40) Benzene	6.14	78	1199755	96.50	ug/l	100
41) Methacrylonitrile	5.06	41	295338	98.71	ug/l	99
42) 1,2-Dichloroethane	6.20	62	437183	94.05	ug/l	100
43) Isopropyl Acetate	6.46	43	815054	103.95	ug/l	100
44) Trichloroethene	7.21	130	334486	96.79	ug/l	98
45) 1,2-Dichloropropane	7.52	63	321444	97.69	ug/l	99
46) Dibromomethane	7.66	93	211540	93.88	ug/l	99
47) Bromodichloromethane	7.90	83	411465	98.73	ug/l	99
48) Methyl methacrylate	7.77	41	433518	109.02	ug/l	99
49) 1,4-Dioxane	7.76	88	192496	2040.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2975611	529.35	ug/l	99
52) Toluene	8.79	92	772382	100.44	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	464261	106.75	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	499296	103.85	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	320597	96.26	ug/l	97
56) Ethyl methacrylate	9.18	69	513005	112.18	ug/l	99
57) 1,3-Dichloropropane	9.37	76	533343	97.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1422830	541.36	ug/l	99
59) 2-Hexanone	9.50	43	2395205	536.91	ug/l	100
60) Dibromochloromethane	9.59	129	344146	105.39	ug/l	99
61) 1,2-Dibromoethane	9.67	107	344164	100.30	ug/l	100
64) Tetrachloroethene	9.34	164	344188	94.75	ug/l	98
65) Chlorobenzene	10.14	112	890594	98.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	315064	101.36	ug/l	100
67) Ethyl Benzene	10.25	91	1545273	104.24	ug/l	99
68) m/p-Xylenes	10.36	106	1196225	207.22	ug/l	99
69) o-Xylene	10.70	106	582554	105.65	ug/l	99
70) Styrene	10.71	104	982458	109.28	ug/l	99
71) Bromoform	10.86	173	297330	106.86	ug/l	98
73) Isopropylbenzene	11.02	105	1568263	103.65	ug/l	100
74) N-amyl acetate	10.90	43	776538	113.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	549354	96.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	522689m	101.53	ug/l	
77) Bromobenzene	11.26	156	418780	98.80	ug/l	100
78) n-propylbenzene	11.36	91	1847240	104.84	ug/l	100
79) 2-Chlorotoluene	11.42	91	1079391	101.26	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1355141	106.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	171369	112.58	ug/l	95
82) 4-Chlorotoluene	11.51	91	1298023	104.34	ug/l	99
83) tert-Butylbenzene	11.77	119	1320107	106.00	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1384319	106.39	ug/l	99
85) sec-Butylbenzene	11.94	105	1621909	106.48	ug/l	99
86) p-Isopropyltoluene	12.07	119	1460217	107.52	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	771226	98.69	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	780228	96.31	ug/l	100
89) n-Butylbenzene	12.39	91	1342235	109.16	ug/l	99
90) Hexachloroethane	12.60	117	230615	106.41	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	785980	98.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	135964	102.76	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
Data File : VX006109.D
Acq On : 20 Nov 2018 19:03
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
11/21/2018 10:37:24 AM

Quant Time: Nov 21 08:13:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 07:49:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	592948	105.35	ug/l	99
94) Hexachlorobutadiene	13.78	225	269618	98.29	ug/l	100
95) Naphthalene	13.83	128	1838223	111.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	590822	102.97	ug/l	99

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

