

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006188.D
 Acq On : 26 Nov 2018 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:36 AM

Quant Time: Nov 27 03:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164164	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	5.50	113	131554	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	8.71	98	500323	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	187379	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101366	49.986	ug/l	100
3) Chloromethane	1.32	50	122090	47.659	ug/l	98
4) Vinyl Chloride	1.41	62	128092	49.158	ug/l	97
5) Bromomethane	1.64	94	91155	45.820	ug/l	99
6) Chloroethane	1.71	64	72442	59.047	ug/l	99
7) Trichlorofluoromethane	1.93	101	173073	50.773	ug/l	99
8) Diethyl Ether	2.19	74	70081	48.636	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99836	49.392	ug/l	99
10) Methyl Iodide	2.51	142	116509	45.975	ug/l	100
11) Tert butyl alcohol	3.07	59	175094	260.295	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94219	47.815	ug/l	96
13) Acrolein	2.29	56	88239	219.216	ug/l	99
14) Allyl chloride	2.73	41	196686	48.788	ug/l	99
15) Acrylonitrile	3.15	53	364911	245.603	ug/l	99
16) Acetone	2.45	43	345665	246.342	ug/l	99
17) Carbon Disulfide	2.57	76	272738	51.261	ug/l	99
18) Methyl Acetate	2.78	43	202519	56.281	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	343398	50.418	ug/l	99
20) Methylene Chloride	2.85	84	109655	51.642	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	101945	49.448	ug/l	92
22) Diisopropyl ether	3.87	45	458701	53.151	ug/l	91
23) Vinyl Acetate	3.82	43	1990684	278.036	ug/l	100
24) 1,1-Dichloroethane	3.70	63	204331	50.256	ug/l	99
25) 2-Butanone	4.70	43	666133	255.761	ug/l	100
26) 2,2-Dichloropropane	4.58	77	160386	47.862	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	142700	49.522	ug/l	100
28) Bromochloromethane	5.02	49	124229	52.425	ug/l	100
29) Tetrahydrofuran	5.15	42	430876	265.198	ug/l	100
30) Chloroform	5.21	83	246465	50.023	ug/l	99
31) Cyclohexane	5.57	56	209410	49.309	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	211155	53.076	ug/l	100
36) 1,1-Dichloropropene	5.80	75	179711	49.700	ug/l	99
37) Ethyl Acetate	4.85	43	240462	51.689	ug/l	99
38) Carbon Tetrachloride	5.78	117	186819	54.968	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006188.D
 Acq On : 26 Nov 2018 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:36 AM

Quant Time: Nov 27 03:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212250	51.524	ug/l	98
40) Benzene	6.14	78	542553	50.929	ug/l	100
41) Methacrylonitrile	5.06	41	133385	52.028	ug/l	98
42) 1,2-Dichloroethane	6.20	62	201796	50.667	ug/l	99
43) Isopropyl Acetate	6.46	43	358473	53.357	ug/l	99
44) Trichloroethene	7.21	130	145718	49.215	ug/l	98
45) 1,2-Dichloropropane	7.51	63	145856	51.734	ug/l	99
46) Dibromomethane	7.66	93	97188	50.336	ug/l	99
47) Bromodichloromethane	7.90	83	189493	53.065	ug/l	98
48) Methyl methacrylate	7.77	41	192580	56.520	ug/l	99
49) 1,4-Dioxane	7.75	88	85080	1052.480	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1315909	273.214	ug/l	100
52) Toluene	8.79	92	346628	52.605	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	201530	54.081	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	217759	52.861	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	145559	51.007	ug/l	98
56) Ethyl methacrylate	9.18	69	224060	50.396	ug/l	99
57) 1,3-Dichloropropane	9.37	76	242089	51.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	631135	254.356	ug/l	99
59) 2-Hexanone	9.49	43	1047345	274.005	ug/l	99
60) Dibromochloromethane	9.59	129	156381	55.894	ug/l	98
61) 1,2-Dibromoethane	9.67	107	153343	52.158	ug/l	100
64) Tetrachloroethene	9.34	164	149765	48.054	ug/l	97
65) Chlorobenzene	10.14	112	397391	51.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	144170	54.058	ug/l	99
67) Ethyl Benzene	10.25	91	677497	53.265	ug/l	100
68) m/p-Xylenes	10.36	106	531549	107.321	ug/l	99
69) o-Xylene	10.70	106	251993	53.264	ug/l	99
70) Styrene	10.71	104	422194	54.731	ug/l	99
71) Bromoform	10.86	173	129165	54.106	ug/l	99
73) Isopropylbenzene	11.02	105	693606	53.371	ug/l	99
74) N-amyl acetate	10.90	43	335896	50.675	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	245084	50.042	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234576m	53.047	ug/l	
77) Bromobenzene	11.26	156	182780	50.206	ug/l	100
78) n-propylbenzene	11.36	91	806101	53.262	ug/l	100
79) 2-Chlorotoluene	11.42	91	477707	52.173	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	588101	53.673	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71444	54.645	ug/l	95
82) 4-Chlorotoluene	11.51	91	564123	52.794	ug/l	100
83) tert-Butylbenzene	11.77	119	578204	54.054	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	605643	54.188	ug/l	100
85) sec-Butylbenzene	11.94	105	705920	53.953	ug/l	100
86) p-Isopropyltoluene	12.07	119	632759	54.242	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	337492	50.278	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	347073	49.876	ug/l	99
89) n-Butylbenzene	12.39	91	557948	52.827	ug/l	99
90) Hexachloroethane	12.60	117	102374	54.994	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	335938	48.951	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60507	53.242	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
Data File : VX006188.D
Acq On : 26 Nov 2018 20:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:36 AM

Quant Time: Nov 27 03:55:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248696	51.442	ug/l	99
94) Hexachlorobutadiene	13.79	225	115896	49.188	ug/l	99
95) Naphthalene	13.83	128	784351	55.174	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	254596	51.656	ug/l	100

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

