

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016051.D
 Acq On : 05 May 2020 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:55 PM

Quant Time: May 06 06:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:10:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	340109	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	530678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	197722	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.46	113	153970	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	8.70	98	603132	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	11.12	95	236401	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	181834	50.510	ug/l	99
3) Chloromethane	1.31	50	196244	46.940	ug/l	100
4) Vinyl Chloride	1.39	62	214753	48.146	ug/l	99
5) Bromomethane	1.62	94	112873	50.195	ug/l	97
6) Chloroethane	1.71	64	134024	49.383	ug/l	97
7) Trichlorofluoromethane	1.92	101	287706	49.131	ug/l	99
8) Diethyl Ether	2.17	74	117718	47.711	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	164910	48.812	ug/l	99
10) Methyl Iodide	2.49	142	200440	44.168	ug/l	99
11) Tert butyl alcohol	3.01	59	251297	222.046	ug/l	100
12) 1,1-Dichloroethene	2.36	96	167099	47.264	ug/l	95
13) Acrolein	2.27	56	155496	219.565	ug/l	99
14) Allyl chloride	2.70	41	314746	48.554	ug/l	99
15) Acrylonitrile	3.11	53	537979	229.143	ug/l	100
16) Acetone	2.42	43	473042	236.886	ug/l	98
17) Carbon Disulfide	2.55	76	522286	49.189	ug/l	99
18) Methyl Acetate	2.75	43	226709	46.173	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	594916	48.813	ug/l	100
20) Methylene Chloride	2.83	84	188974	45.905	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	185600	47.109	ug/l	99
22) Diisopropyl ether	3.82	45	593613	48.539	ug/l	90
23) Vinyl Acetate	3.78	43	2646566	245.978	ug/l	99
24) 1,1-Dichloroethane	3.67	63	331165	48.408	ug/l	99
25) 2-Butanone	4.63	43	735382	228.532	ug/l	99
26) 2,2-Dichloropropane	4.55	77	305327	48.870	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	206382	47.916	ug/l	100
28) Bromochloromethane	4.98	49	150583	48.272	ug/l	100
29) Tetrahydrofuran	5.09	42	488111	228.929	ug/l	100
30) Chloroform	5.17	83	326046	47.867	ug/l	98
31) Cyclohexane	5.54	56	309584	49.794	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	297200	48.001	ug/l	99
36) 1,1-Dichloropropene	5.77	75	258751	49.533	ug/l	98
37) Ethyl Acetate	4.79	43	290224	47.935	ug/l	99
38) Carbon Tetrachloride	5.75	117	265736	50.048	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016051.D
 Acq On : 05 May 2020 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:55 PM

Quant Time: May 06 06:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:10:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321982	51.183	ug/l	100
40) Benzene	6.11	78	749123	49.012	ug/l	99
41) Methacrylonitrile	5.00	41	159925	48.911	ug/l	99
42) 1,2-Dichloroethane	6.16	62	266018	48.314	ug/l	100
43) Isopropyl Acetate	6.41	43	468554	48.504	ug/l	100
44) Trichloroethene	7.19	130	270889	49.887	ug/l	97
45) 1,2-Dichloropropane	7.49	63	192678	49.820	ug/l	99
46) Dibromomethane	7.63	93	127364	48.460	ug/l	99
47) Bromodichloromethane	7.87	83	266663	49.817	ug/l	99
48) Methyl methacrylate	7.74	41	221332	48.353	ug/l	100
49) 1,4-Dioxane	7.71	88	102329	932.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1429430	241.806	ug/l	100
52) Toluene	8.76	92	475610	49.922	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	316682	49.620	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	329459	49.422	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	185169	49.401	ug/l	99
56) Ethyl methacrylate	9.16	69	310383	50.729	ug/l	99
57) 1,3-Dichloropropane	9.35	76	323511	49.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	831649	255.319	ug/l	99
59) 2-Hexanone	9.47	43	1125948	242.535	ug/l	100
60) Dibromochloromethane	9.57	129	212146	51.389	ug/l	99
61) 1,2-Dibromoethane	9.65	107	202195	49.801	ug/l	99
64) Tetrachloroethene	9.32	164	299575	48.929	ug/l	98
65) Chlorobenzene	10.12	112	507431	48.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	190460	49.344	ug/l	99
67) Ethyl Benzene	10.23	91	920266	49.389	ug/l	99
68) m/p-Xylenes	10.34	106	699246	100.163	ug/l	100
69) o-Xylene	10.68	106	332780	49.591	ug/l	100
70) Styrene	10.70	104	573434	50.370	ug/l	100
71) Bromoform	10.84	173	156971	49.916	ug/l #	99
73) Isopropylbenzene	11.00	105	899762	49.240	ug/l	100
74) N-amyl acetate	10.88	43	407530	47.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	147019	41.961	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	276081m	48.427	ug/l	
77) Bromobenzene	11.24	156	225740	47.862	ug/l	99
78) n-propylbenzene	11.34	91	1059369	49.835	ug/l	99
79) 2-Chlorotoluene	11.40	91	610410	48.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	763853	49.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	115594	48.320	ug/l #	92
82) 4-Chlorotoluene	11.49	91	724037	48.864	ug/l	99
83) tert-Butylbenzene	11.76	119	656953	49.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	771470	49.460	ug/l	100
85) sec-Butylbenzene	11.93	105	900101	50.139	ug/l	100
86) p-Isopropyltoluene	12.05	119	832479	49.946	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	405525	47.885	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	408245	47.495	ug/l	99
89) n-Butylbenzene	12.37	91	771422	50.662	ug/l	99
90) Hexachloroethane	12.58	117	145506	50.832	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	390530	47.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	66612	44.333	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
Data File : VX016051.D
Acq On : 05 May 2020 09:58
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/6/2020 12:26:55 PM

Quant Time: May 06 06:13:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:10:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	298357	49.419	ug/l	96
94) Hexachlorobutadiene	13.77	225	135187	51.981	ug/l	99
95) Naphthalene	13.82	128	926571	47.398	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	283020	47.967	ug/l	98

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

