

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006190.D
 Acq On : 26 Nov 2018 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:41 AM

Quant Time: Nov 27 04:16:18 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	275617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215826	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166267	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	5.51	113	133907	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	506272	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	188353	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	100730	49.18	ug/l	99
3) Chloromethane	1.32	50	116825	45.15	ug/l	96
4) Vinyl Chloride	1.41	62	121485	46.16	ug/l	98
5) Bromomethane	1.64	94	91583	45.60	ug/l	96
6) Chloroethane	1.71	64	72052	58.39	ug/l	99
7) Trichlorofluoromethane	1.93	101	167604	48.68	ug/l	100
8) Diethyl Ether	2.19	74	69412	47.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106940	52.38	ug/l	99
10) Methyl Iodide	2.51	142	147859	57.77	ug/l	98
11) Tert butyl alcohol	3.07	59	174399	256.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95416	47.94	ug/l	98
13) Acrolein	2.29	56	102506	252.14	ug/l	100
14) Allyl chloride	2.73	41	248096	60.93	ug/l	96
15) Acrylonitrile	3.15	53	375307	250.10	ug/l	98
16) Acetone	2.45	43	435157	307.05	ug/l	100
17) Carbon Disulfide	2.57	76	340932	63.44	ug/l	98
18) Methyl Acetate	2.78	43	243800	67.08	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	340718	49.53	ug/l	100
20) Methylene Chloride	2.85	84	132337	61.78	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	102785	49.36	ug/l	94
22) Diisopropyl ether	3.87	45	457668	52.51	ug/l	99
23) Vinyl Acetate	3.82	43	1981350	274.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	225743	54.97	ug/l	99
25) 2-Butanone	4.70	43	671472	255.26	ug/l	100
26) 2,2-Dichloropropane	4.58	77	167257	49.42	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	139547	47.95	ug/l	99
28) Bromochloromethane	5.02	49	120799	50.47	ug/l	99
29) Tetrahydrofuran	5.16	42	436356	265.92	ug/l	100
30) Chloroform	5.21	83	246870	49.61	ug/l	99
31) Cyclohexane	5.57	56	206117	48.05	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	208428	51.87	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177426	49.42	ug/l	99
37) Ethyl Acetate	4.85	43	240099	51.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	181672	53.83	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006190.D
 Acq On : 26 Nov 2018 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:41 AM

Quant Time: Nov 27 04:16:18 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	202540	49.52	ug/l	98
40) Benzene	6.14	78	537695	50.83	ug/l	100
41) Methacrylonitrile	5.06	41	130384	51.22	ug/l	99
42) 1,2-Dichloroethane	6.20	62	201841	51.04	ug/l	100
43) Isopropyl Acetate	6.46	43	355512	53.29	ug/l	99
44) Trichloroethene	7.21	130	145995	49.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	142885	51.04	ug/l	100
46) Dibromomethane	7.66	93	98071	51.15	ug/l	99
47) Bromodichloromethane	7.90	83	190252	53.66	ug/l	98
48) Methyl methacrylate	7.77	41	191428	56.58	ug/l	99
49) 1,4-Dioxane	7.75	88	82379	1026.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1316364	275.25	ug/l	100
52) Toluene	8.79	92	346026	52.89	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200886	54.29	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	217894	53.27	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	145577	51.38	ug/l	98
56) Ethyl methacrylate	9.18	69	221094	50.10	ug/l	99
57) 1,3-Dichloropropane	9.37	76	239909	51.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	620293	251.83	ug/l	100
59) 2-Hexanone	9.49	43	1053135	277.48	ug/l	99
60) Dibromochloromethane	9.59	129	153439	55.23	ug/l	99
61) 1,2-Dibromoethane	9.67	107	154749	53.01	ug/l	100
64) Tetrachloroethene	9.34	164	152997	49.36	ug/l	99
65) Chlorobenzene	10.14	112	393153	50.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	141858	53.48	ug/l	99
67) Ethyl Benzene	10.25	91	669303	52.91	ug/l	99
68) m/p-Xylenes	10.36	106	523580	106.29	ug/l	99
69) o-Xylene	10.70	106	247501	52.60	ug/l	99
70) Styrene	10.71	104	420593	54.82	ug/l	99
71) Bromoform	10.86	173	127751	53.81	ug/l	98
73) Isopropylbenzene	11.02	105	685921	52.53	ug/l	100
74) N-amyl acetate	10.90	43	330175	49.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243198	49.42	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232620m	52.35	ug/l	
77) Bromobenzene	11.26	156	183131	50.06	ug/l	100
78) n-propylbenzene	11.36	91	801918	52.73	ug/l	100
79) 2-Chlorotoluene	11.42	91	469320	51.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	584057	53.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69256	52.72	ug/l	98
82) 4-Chlorotoluene	11.51	91	555078	51.70	ug/l	100
83) tert-Butylbenzene	11.77	119	567420	52.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	600982	53.51	ug/l	100
85) sec-Butylbenzene	11.94	105	695949	52.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	625211	53.34	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	335702	49.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342088	48.92	ug/l	99
89) n-Butylbenzene	12.39	91	552611	52.07	ug/l	99
90) Hexachloroethane	12.60	117	100475	53.71	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	342087	49.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60441	52.93	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006190.D
Acq On : 26 Nov 2018 22:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:41 AM

Quant Time: Nov 27 04:16:18 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	244586	50.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	115232	48.67	ug/l	99
95) Naphthalene	13.83	128	784201	54.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251520	50.79	ug/l	99

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

