

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008444.D
 Acq On : 26 Mar 2019 04:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 8:56:00 AM

Quant Time: Mar 26 08:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143214	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	148067	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	5.50	113	110676	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	8.71	98	437944	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	163273	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98221	43.322	ug/l	100
3) Chloromethane	1.32	50	133125	46.483	ug/l	99
4) Vinyl Chloride	1.40	62	143133	45.215	ug/l	100
5) Bromomethane	1.64	94	58633	35.822	ug/l	97
6) Chloroethane	1.71	64	97995	52.255	ug/l	97
7) Trichlorofluoromethane	1.92	101	164766	45.956	ug/l	98
8) Diethyl Ether	2.18	74	79089	46.612	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96287	44.438	ug/l	99
10) Methyl Iodide	2.51	142	63617	31.812	ug/l	99
11) Tert butyl alcohol	3.06	59	171434	265.352	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104550	46.722	ug/l	97
13) Acrolein	2.29	56	132775	283.003	ug/l	98
14) Allyl chloride	2.73	41	229882	46.630	ug/l	99
15) Acrylonitrile	3.14	53	409427	241.680	ug/l	100
16) Acetone	2.45	43	353739	232.103	ug/l	99
17) Carbon Disulfide	2.57	76	311179	41.920	ug/l	100
18) Methyl Acetate	2.77	43	177894	48.600	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	392241	48.642	ug/l	99
20) Methylene Chloride	2.85	84	125350	50.399	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	110587	49.594	ug/l	100
22) Diisopropyl ether	3.85	45	465890	47.994	ug/l	99
23) Vinyl Acetate	3.81	43	2081314	245.756	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235179	47.988	ug/l	99
25) 2-Butanone	4.67	43	604165	247.270	ug/l	99
26) 2,2-Dichloropropane	4.58	77	123272	37.818	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	129734	47.412	ug/l	98
28) Bromochloromethane	5.01	49	114915	47.462	ug/l	99
29) Tetrahydrofuran	5.13	42	395708	245.729	ug/l	100
30) Chloroform	5.21	83	213006	48.161	ug/l	99
31) Cyclohexane	5.58	56	217661	46.568	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	172570	48.814	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160852	45.070	ug/l	98
37) Ethyl Acetate	4.83	43	227546	49.215	ug/l	99
38) Carbon Tetrachloride	5.79	117	142215	47.749	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008444.D
 Acq On : 26 Mar 2019 04:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 8:56:00 AM

Quant Time: Mar 26 08:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191116	44.808	ug/l	99
40) Benzene	6.14	78	501151	46.904	ug/l	99
41) Methacrylonitrile	5.04	41	129197	49.724	ug/l	99
42) 1,2-Dichloroethane	6.19	62	180765	46.208	ug/l	99
43) Isopropyl Acetate	6.45	43	363588	49.164	ug/l	100
44) Trichloroethene	7.21	130	114461	45.625	ug/l	100
45) 1,2-Dichloropropane	7.51	63	143664	47.305	ug/l	99
46) Dibromomethane	7.66	93	82775	46.675	ug/l	100
47) Bromodichloromethane	7.90	83	167137	49.238	ug/l	96
48) Methyl methacrylate	7.77	41	183703	49.645	ug/l	99
49) 1,4-Dioxane	7.74	88	75330	1023.851	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1211171	252.152	ug/l	100
52) Toluene	8.78	92	303895	47.568	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	179082	48.166	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201758	47.721	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124121	47.728	ug/l	100
56) Ethyl methacrylate	9.18	69	235167	50.096	ug/l	99
57) 1,3-Dichloropropane	9.37	76	219634	47.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	578591	238.441	ug/l	100
59) 2-Hexanone	9.49	43	946942	254.425	ug/l	99
60) Dibromochloromethane	9.58	129	122110	49.373	ug/l	98
61) 1,2-Dibromoethane	9.67	107	127567	48.067	ug/l	99
64) Tetrachloroethene	9.34	164	94250	45.965	ug/l	98
65) Chlorobenzene	10.13	112	310326	47.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	110019	48.414	ug/l	100
67) Ethyl Benzene	10.25	91	588415	47.335	ug/l	100
68) m/p-Xylenes	10.36	106	422075	93.331	ug/l	100
69) o-Xylene	10.69	106	207075	47.185	ug/l	100
70) Styrene	10.71	104	364511	48.084	ug/l	100
71) Bromoform	10.85	173	89717	49.992	ug/l #	99
73) Isopropylbenzene	11.02	105	551876	47.367	ug/l	99
74) N-amyl acetate	10.90	43	337704	50.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	214197	47.382	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179023m	42.047	ug/l	
77) Bromobenzene	11.26	156	130134	46.021	ug/l	99
78) n-propylbenzene	11.36	91	645164	47.270	ug/l	100
79) 2-Chlorotoluene	11.42	91	388649	46.816	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464060	47.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62489	47.008	ug/l	98
82) 4-Chlorotoluene	11.51	91	444380	46.406	ug/l	100
83) tert-Butylbenzene	11.77	119	445798	46.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	467146	46.888	ug/l	100
85) sec-Butylbenzene	11.94	105	532562	47.057	ug/l	99
86) p-Isopropyltoluene	12.06	119	476665	47.732	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233269	46.170	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	232562	45.610	ug/l	100
89) n-Butylbenzene	12.38	91	438948	46.401	ug/l	100
90) Hexachloroethane	12.60	117	81216	48.818	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	234709	46.390	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47696	48.388	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032519\
Data File : VX008444.D
Acq On : 26 Mar 2019 04:45
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/27/2019 8:56:00 AM

Quant Time: Mar 26 08:05:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159653	46.869	ug/l	99
94) Hexachlorobutadiene	13.78	225	74842	46.272	ug/l	100
95) Naphthalene	13.83	128	566068	48.471	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159893	46.713	ug/l	100

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

