

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001076.D
 Acq On : 24 Apr 2018 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:09 AM

Quant Time: Apr 25 07:19:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161437	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	131969	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.72	98	459411	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
62) 4-Bromofluorobenzene	11.14	95	195328	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164433	49.958	ug/l	99
3) Chloromethane	1.32	50	138401	45.156	ug/l	99
4) Vinyl Chloride	1.40	62	141976	44.695	ug/l	100
5) Bromomethane	1.64	94	90933	49.724	ug/l	98
6) Chloroethane	1.73	64	86622	45.890	ug/l	100
7) Trichlorofluoromethane	1.93	101	229752	48.140	ug/l	100
8) Diethyl Ether	2.19	74	86461	49.050	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131951	47.190	ug/l	99
10) Methyl Iodide	2.51	142	122256	45.171	ug/l	99
11) Tert butyl alcohol	3.07	59	139418	274.789	ug/l	100
12) 1,1-Dichloroethene	2.38	96	117177	45.317	ug/l	99
13) Acrolein	2.29	56	68761	426.925	ug/l	98
14) Allyl chloride	2.73	41	222701	47.590	ug/l	98
15) Acrylonitrile	3.15	53	338455	246.488	ug/l	100
16) Acetone	2.45	43	361550	285.402	ug/l	99
17) Carbon Disulfide	2.57	76	305186	41.413	ug/l	100
18) Methyl Acetate	2.78	43	215935	56.331	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	440758	50.704	ug/l	99
20) Methylene Chloride	2.86	84	135903	50.928	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	128034	44.479	ug/l	97
22) Diisopropyl ether	3.87	45	441507	48.739	ug/l	98
23) Vinyl Acetate	3.83	43	1844300	245.919	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236902	46.624	ug/l	99
25) 2-Butanone	4.71	43	514133	259.984	ug/l	99
26) 2,2-Dichloropropane	4.59	77	204100	46.694	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149882	46.743	ug/l	100
28) Bromochloromethane	5.03	49	103719	53.081	ug/l	98
29) Tetrahydrofuran	5.17	42	313498	250.868	ug/l	99
30) Chloroform	5.22	83	256515	48.746	ug/l	97
31) Cyclohexane	5.58	56	211462	44.586	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	226328	47.969	ug/l	99
36) 1,1-Dichloropropene	5.81	75	186840	44.289	ug/l	100
37) Ethyl Acetate	4.87	43	193522	50.008	ug/l	99
38) Carbon Tetrachloride	5.79	117	200662	46.974	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001076.D
 Acq On : 24 Apr 2018 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:09 AM

Quant Time: Apr 25 07:19:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	227227	46.274	ug/l	98
40) Benzene	6.15	78	548762	46.788	ug/l	100
41) Methacrylonitrile	5.07	41	116288	48.121	ug/l	99
42) 1,2-Dichloroethane	6.20	62	220865	49.060	ug/l	99
43) Isopropyl Acetate	6.47	43	333631	50.252	ug/l	99
44) Trichloroethene	7.22	130	163536	45.639	ug/l	98
45) 1,2-Dichloropropane	7.53	63	145151	49.218	ug/l	100
46) Dibromomethane	7.67	93	100648	48.844	ug/l	99
47) Bromodichloromethane	7.90	83	195415	51.192	ug/l	97
48) Methyl methacrylate	7.78	41	179174	50.121	ug/l	98
49) 1,4-Dioxane	7.76	88	58146	1106.084	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1045195	259.283	ug/l	100
52) Toluene	8.79	92	365119	47.696	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	232884	51.012	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	224889	52.240	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	152192	50.020	ug/l	99
56) Ethyl methacrylate	9.19	69	228185	51.060	ug/l	98
57) 1,3-Dichloropropane	9.38	76	247504	49.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	515463	236.336	ug/l	99
59) 2-Hexanone	9.50	43	817894	265.077	ug/l	98
60) Dibromochloromethane	9.59	129	167701	52.478	ug/l	99
61) 1,2-Dibromoethane	9.68	107	163334	50.866	ug/l	99
64) Tetrachloroethene	9.34	164	170460	46.621	ug/l	99
65) Chlorobenzene	10.14	112	433276	47.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	161467	51.313	ug/l	100
67) Ethyl Benzene	10.26	91	718633	47.202	ug/l	100
68) m/p-Xylenes	10.37	106	574195	95.691	ug/l	100
69) o-Xylene	10.70	106	275655	47.650	ug/l	98
70) Styrene	10.72	104	468249	49.148	ug/l	100
71) Bromoform	10.86	173	138550	47.440	ug/l #	99
73) Isopropylbenzene	11.02	105	752616	47.027	ug/l	100
74) N-amyl acetate	6.47	43	333631	48.733	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228626	50.464	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	221824m	52.228	ug/l	
77) Bromobenzene	11.26	156	219700	47.293	ug/l	99
78) n-propylbenzene	11.37	91	859450	46.779	ug/l	100
79) 2-Chlorotoluene	11.43	91	509441	46.924	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	651884	48.053	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61742	44.960	ug/l	98
82) 4-Chlorotoluene	11.52	91	612386	46.683	ug/l	99
83) tert-Butylbenzene	11.77	119	640589	46.807	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	670329	48.014	ug/l	99
85) sec-Butylbenzene	11.95	105	774752	47.426	ug/l	100
86) p-Isopropyltoluene	12.07	119	725194	47.989	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	397785	45.740	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	410952	46.037	ug/l	100
89) n-Butylbenzene	12.39	91	626623	46.605	ug/l	100
90) Hexachloroethane	12.60	117	108237	50.547	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	399758	47.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50632	53.348	ug/l	96

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
Data File : VX001076.D
Acq On : 24 Apr 2018 11:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:09 AM

Quant Time: Apr 25 07:19:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	325835	46.103	ug/l	100
94) Hexachlorobutadiene	13.79	225	149718	46.817	ug/l	99
95) Naphthalene	13.84	128	867646	49.916	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	319888	46.797	ug/l	100

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

