

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010103.D
 Acq On : 07 Jun 2019 12:18
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:31 AM

Quant Time: Jun 07 13:12:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:02:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	481192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	62572	20.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.60%	
35) Dibromofluoromethane	5.50	113	60609	20.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.64%	
50) Toluene-d8	8.71	98	225087	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	
62) 4-Bromofluorobenzene	11.13	95	84300	20.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63050	19.943	ug/l	100
3) Chloromethane	1.33	50	56920	19.669	ug/l	100
4) Vinyl Chloride	1.41	62	52667	19.364	ug/l	99
5) Bromomethane	1.64	94	24549	24.190	ug/l	97
6) Chloroethane	1.72	64	29326	19.311	ug/l	98
7) Trichlorofluoromethane	1.93	101	78891	19.829	ug/l	97
8) Diethyl Ether	2.19	74	26537	20.094	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54179	20.206	ug/l	92
10) Methyl Iodide	2.51	142	83984	18.987	ug/l	97
11) Tert butyl alcohol	3.04	59	76667	101.904	ug/l	98
12) 1,1-Dichloroethene	2.37	96	54364	19.663	ug/l #	78
13) Acrolein	2.29	56	13287	87.843	ug/l	94
14) Allyl chloride	2.73	41	81544	19.664	ug/l #	87
15) Acrylonitrile	3.14	53	151049	99.005	ug/l	99
16) Acetone	2.44	43	143019	101.756	ug/l #	89
17) Carbon Disulfide	2.57	76	154801	19.887	ug/l	99
18) Methyl Acetate	2.78	43	60398	19.984	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	173422	19.604	ug/l	92
20) Methylene Chloride	2.85	84	60599	19.915	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	58218	19.482	ug/l #	78
22) Diisopropyl ether	3.85	45	158919	19.533	ug/l #	94
23) Vinyl Acetate	3.82	43	722240	98.499	ug/l #	86
24) 1,1-Dichloroethane	3.70	63	94564	19.757	ug/l	96
25) 2-Butanone	4.67	43	215979	100.412	ug/l #	79
26) 2,2-Dichloropropane	4.59	77	86751	19.690	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	67660	19.847	ug/l	81
28) Bromochloromethane	5.02	49	39082	18.073	ug/l #	51
29) Tetrahydrofuran	5.13	42	133257	100.267	ug/l #	75
30) Chloroform	5.21	83	99904	19.713	ug/l	98
31) Cyclohexane	5.58	56	89027	19.929	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	92420	20.007	ug/l	94
36) 1,1-Dichloropropene	5.80	75	74417	19.798	ug/l	92
37) Ethyl Acetate	4.84	43	77168	19.502	ug/l #	89
38) Carbon Tetrachloride	5.79	117	83502	19.610	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010103.D
 Acq On : 07 Jun 2019 12:18
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:31 AM

Quant Time: Jun 07 13:12:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:02:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	101952	20.037	ug/l #	81
40) Benzene	6.14	78	233761	19.764	ug/l	97
41) Methacrylonitrile	5.04	41	42552	19.687	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	73264	19.489	ug/l	94
43) Isopropyl Acetate	6.45	43	130269	19.760	ug/l #	89
44) Trichloroethene	7.21	130	69062	19.790	ug/l	86
45) 1,2-Dichloropropane	7.51	63	57764	19.537	ug/l	99
46) Dibromomethane	7.66	93	42570	19.995	ug/l	93
47) Bromodichloromethane	7.90	83	81346	19.592	ug/l	97
48) Methyl methacrylate	7.77	41	62057	19.423	ug/l #	78
49) 1,4-Dioxane	7.74	88	36606	416.618	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	407689	99.003	ug/l	89
52) Toluene	8.78	92	150697	19.656	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	92835	19.251	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	99744	19.503	ug/l	89
55) 1,1,2-Trichloroethane	9.21	97	62632	19.517	ug/l	96
56) Ethyl methacrylate	9.18	69	100095	19.470	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	97545	19.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	237535	96.805	ug/l #	84
59) 2-Hexanone	9.49	43	330161	101.322	ug/l	88
60) Dibromochloromethane	9.58	129	73466	19.358	ug/l	100
61) 1,2-Dibromoethane	9.67	107	68702	19.516	ug/l	99
64) Tetrachloroethene	9.34	164	59642	20.090	ug/l	98
65) Chlorobenzene	10.14	112	169769	19.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	65650	20.039	ug/l	98
67) Ethyl Benzene	10.25	91	291753	20.131	ug/l	95
68) m/p-Xylenes	10.36	106	227909	40.633	ug/l	90
69) o-Xylene	10.69	106	111882	20.284	ug/l	90
70) Styrene	10.71	104	188363	19.649	ug/l	96
71) Bromoform	10.85	173	60305	19.840	ug/l #	99
73) Isopropylbenzene	11.02	105	293591	20.063	ug/l	96
74) N-amyl acetate	10.90	43	114783	19.658	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	100889	20.365	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	84951m	20.534	ug/l	
77) Bromobenzene	11.26	156	78822	19.692	ug/l	83
78) n-propylbenzene	11.36	91	320177	19.479	ug/l	95
79) 2-Chlorotoluene	11.42	91	190866	19.525	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	243473	19.886	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	37799	19.597	ug/l #	83
82) 4-Chlorotoluene	11.51	91	219353	19.405	ug/l	92
83) tert-Butylbenzene	11.77	119	246805	19.930	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	245339	19.770	ug/l	95
85) sec-Butylbenzene	11.94	105	284426	19.636	ug/l	96
86) p-Isopropyltoluene	12.06	119	263480	19.769	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	137353	19.420	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	138748	19.917	ug/l	97
89) n-Butylbenzene	12.38	91	225719	19.546	ug/l	97
90) Hexachloroethane	12.59	117	51138	19.432	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	137225	20.039	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23667	20.812	ug/l	71

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
Data File : VX010103.D
Acq On : 07 Jun 2019 12:18
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
6/10/2019 10:53:31 AM

Quant Time: Jun 07 13:12:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 07 13:02:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96647	19.777	ug/l	99
94) Hexachlorobutadiene	13.78	225	42917	19.745	ug/l	99
95) Naphthalene	13.83	128	313108	19.864	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96561	19.937	ug/l	99

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

