

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006210.D
 Acq On : 29 Nov 2018 14:32
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:02 AM

Quant Time: Nov 30 03:48:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	775131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1160066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1044394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	537761	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	40436	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
35) Dibromofluoromethane	5.51	113	36393	4.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.70%	
50) Toluene-d8	8.71	98	134239	4.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
62) 4-Bromofluorobenzene	11.13	95	50938	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31694	4.176	ug/l	97
3) Chloromethane	1.33	50	37441	4.801	ug/l	100
4) Vinyl Chloride	1.41	62	40908	4.873	ug/l	95
5) Bromomethane	1.64	94	29459	5.064	ug/l	99
6) Chloroethane	1.72	64	27315	5.307	ug/l	96
7) Trichlorofluoromethane	1.93	101	65029	5.047	ug/l	99
8) Diethyl Ether	2.19	74	24070	4.936	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37361	5.099	ug/l	97
10) Methyl Iodide	2.51	142	51202	4.637	ug/l	99
11) Tert butyl alcohol	3.07	59	58267	26.926	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36369	5.185	ug/l	97
13) Acrolein	2.30	56	33013	27.912	ug/l	97
14) Allyl chloride	2.73	41	71641	5.171	ug/l	98
15) Acrylonitrile	3.15	53	119426	26.447	ug/l	99
16) Acetone	2.45	43	94188	25.364	ug/l	99
17) Carbon Disulfide	2.57	76	108788	5.034	ug/l	100
18) Methyl Acetate	2.78	43	65102	5.242	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	131343	5.249	ug/l	100
20) Methylene Chloride	2.86	84	41120	5.203	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	38784	5.189	ug/l	93
22) Diisopropyl ether	3.87	45	109944	5.080	ug/l	# 90
23) Vinyl Acetate	3.82	43	481414	26.081	ug/l	100
24) 1,1-Dichloroethane	3.70	63	63003	5.093	ug/l	99
25) 2-Butanone	4.70	43	139517	26.331	ug/l	95
26) 2,2-Dichloropropane	4.58	77	61569	5.393	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	44633	5.353	ug/l	98
28) Bromochloromethane	5.02	49	28627	5.298	ug/l	100
29) Tetrahydrofuran	5.15	42	99419	26.998	ug/l	98
30) Chloroform	5.21	83	68844	5.296	ug/l	95
31) Cyclohexane	5.58	56	59932	5.243	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	64264	5.196	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49643	5.082	ug/l	98
37) Ethyl Acetate	4.85	43	55040	5.031	ug/l	97
38) Carbon Tetrachloride	5.78	117	58110	5.056	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006210.D
 Acq On : 29 Nov 2018 14:32
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:02 AM

Quant Time: Nov 30 03:48:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64506	5.087	ug/l	98
40) Benzene	6.14	78	149520	5.110	ug/l	98
41) Methacrylonitrile	5.06	41	31273	5.195	ug/l	99
42) 1,2-Dichloroethane	6.20	62	49468	5.166	ug/l	94
43) Isopropyl Acetate	6.46	43	94119	5.160	ug/l	99
44) Trichloroethene	7.21	130	45656	5.151	ug/l	99
45) 1,2-Dichloropropane	7.51	63	37115	4.991	ug/l	96
46) Dibromomethane	7.66	93	27420	5.106	ug/l	98
47) Bromodichloromethane	7.90	83	52933	5.090	ug/l	95
48) Methyl methacrylate	7.77	41	47244	5.324	ug/l	99
49) 1,4-Dioxane	7.76	88	23122	105.724	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	281066	26.470	ug/l	99
52) Toluene	8.79	92	100284	5.210	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	62388	5.129	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	65609	5.195	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	40393	5.165	ug/l	96
56) Ethyl methacrylate	9.18	69	62520	5.114	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64348	5.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	151887	24.483	ug/l	99
59) 2-Hexanone	9.49	43	214277	26.413	ug/l	99
60) Dibromochloromethane	9.59	129	48348	5.014	ug/l	98
61) 1,2-Dibromoethane	9.67	107	43877	5.018	ug/l	97
64) Tetrachloroethene	9.34	164	41458	5.271	ug/l	97
65) Chlorobenzene	10.14	112	116280	5.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	43732	5.077	ug/l	98
67) Ethyl Benzene	10.25	91	190250	5.160	ug/l	99
68) m/p-Xylenes	10.36	106	152811	10.346	ug/l	97
69) o-Xylene	10.70	106	76082	5.215	ug/l	98
70) Styrene	10.71	104	122431	5.188	ug/l	99
71) Bromoform	10.86	173	40960	5.037	ug/l #	99
73) Isopropylbenzene	11.02	105	197848	5.327	ug/l	100
74) N-amyl acetate	10.90	43	83656	5.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	63844	5.374	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	50140m	3.590	ug/l	
77) Bromobenzene	11.26	156	54202	5.259	ug/l	97
78) n-propylbenzene	11.36	91	215073	5.210	ug/l	100
79) 2-Chlorotoluene	11.42	91	130716	5.328	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164054	5.309	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23351	5.279	ug/l #	85
82) 4-Chlorotoluene	11.51	91	152013	5.329	ug/l	98
83) tert-Butylbenzene	11.77	119	176864	5.365	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	170731	5.351	ug/l	99
85) sec-Butylbenzene	11.94	105	198106	5.282	ug/l	99
86) p-Isopropyltoluene	12.07	119	176501	5.226	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	94789	5.169	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	95864	5.213	ug/l	96
89) n-Butylbenzene	12.39	91	147043	5.103	ug/l	99
90) Hexachloroethane	12.60	117	35675	5.183	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	95934	5.271	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15475	5.081	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
Data File : VX006210.D
Acq On : 29 Nov 2018 14:32
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
11/30/2018 10:13:02 AM

Quant Time: Nov 30 03:48:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:36:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65345	4.921	ug/l	97
94) Hexachlorobutadiene	13.78	225	28224	4.806	ug/l	97
95) Naphthalene	13.83	128	213800	5.176	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65967	5.016	ug/l	99

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

