

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018458.D
 Acq On : 17 Sep 2020 10:21
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:34 PM

Quant Time: Sep 17 12:03:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	580537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	921556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	865851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459953	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	43965	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	5.46	113	33373	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
50) Toluene-d8	8.70	98	120710	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	
62) 4-Bromofluorobenzene	11.12	95	47240	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	25483	3.758	ug/l	91
3) Chloromethane	1.31	50	30712	4.234	ug/l	99
4) Vinyl Chloride	1.39	62	33397	4.584	ug/l	100
5) Bromomethane	1.62	94	23459	6.331	ug/l	94
6) Chloroethane	1.71	64	19141	4.839	ug/l	98
7) Trichlorofluoromethane	1.92	101	53533	5.303	ug/l	91
8) Diethyl Ether	2.17	74	18940	5.518	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27273	4.974	ug/l	98
10) Methyl Iodide	2.49	142	16647	3.109	ug/l	94
11) Tert butyl alcohol	3.01	59	37997	24.677	ug/l	98
12) 1,1-Dichloroethene	2.36	96	27703	4.890	ug/l	93
13) Acrolein	2.28	56	22613	32.426	ug/l	97
14) Allyl chloride	2.71	41	54120	5.287	ug/l	98
15) Acrylonitrile	3.12	53	86568	24.430	ug/l	98
16) Acetone	2.42	43	76948	24.450	ug/l	98
17) Carbon Disulfide	2.55	76	82622	4.811	ug/l	97
18) Methyl Acetate	2.75	43	38860	5.111	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	101533	5.209	ug/l	94
20) Methylene Chloride	2.84	84	36746	5.188	ug/l	89
21) trans-1,2-Dichloroethene	3.14	96	34120	5.409	ug/l	99
22) Diisopropyl ether	3.82	45	104146	5.176	ug/l #	86
23) Vinyl Acetate	3.78	43	453616	25.346	ug/l	97
24) 1,1-Dichloroethane	3.67	63	59429	5.200	ug/l	97
25) 2-Butanone	4.63	43	122447	23.894	ug/l	96
26) 2,2-Dichloropropane	4.54	77	54572	5.734	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	36697	5.054	ug/l	97
28) Bromochloromethane	4.97	49	28324	5.114	ug/l	96
29) Tetrahydrofuran	5.09	42	75665	23.258	ug/l	99
30) Chloroform	5.17	83	62047	5.240	ug/l	99
31) Cyclohexane	5.54	56	50152	5.184	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	58604	5.365	ug/l	99
36) 1,1-Dichloropropene	5.76	75	44433	5.200	ug/l	95
37) Ethyl Acetate	4.79	43	46288	4.695	ug/l #	90
38) Carbon Tetrachloride	5.75	117	52438	5.437	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018458.D
 Acq On : 17 Sep 2020 10:21
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:34 PM

Quant Time: Sep 17 12:03:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	47715	5.086	ug/l	90
40) Benzene	6.11	78	133231	5.319	ug/l	98
41) Methacrylonitrile	5.01	41	25675	4.752	ug/l	95
42) 1,2-Dichloroethane	6.16	62	52900	5.495	ug/l	95
43) Isopropyl Acetate	6.41	43	79860	5.016	ug/l	98
44) Trichloroethene	7.19	130	39221	5.526	ug/l	92
45) 1,2-Dichloropropane	7.48	63	35451	5.269	ug/l	96
46) Dibromomethane	7.63	93	23622	4.969	ug/l	95
47) Bromodichloromethane	7.87	83	50505	5.335	ug/l	95
48) Methyl methacrylate	7.74	41	37646	4.753	ug/l	99
49) 1,4-Dioxane	7.71	88	13018	93.854	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	233613	23.904	ug/l	98
52) Toluene	8.76	92	84011	5.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	55598	5.287	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	57066	5.120	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	35589	5.284	ug/l	93
56) Ethyl methacrylate	9.16	69	46134	4.599	ug/l	94
57) 1,3-Dichloropropane	9.35	76	57752	5.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	134966	28.964	ug/l	98
59) 2-Hexanone	9.47	43	175422	23.631	ug/l	98
60) Dibromochloromethane	9.56	129	40085	5.065	ug/l	94
61) 1,2-Dibromoethane	9.65	107	34323	4.696	ug/l	90
64) Tetrachloroethene	9.32	164	37065	5.797	ug/l	95
65) Chlorobenzene	10.12	112	91859	5.301	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	36696	5.362	ug/l	96
67) Ethyl Benzene	10.23	91	158351	5.356	ug/l	98
68) m/p-Xylenes	10.34	106	117332	10.669	ug/l	98
69) o-Xylene	10.68	106	55855	5.228	ug/l	97
70) Styrene	10.70	104	94670	5.188	ug/l	98
71) Bromoform	10.84	173	29175	5.001	ug/l #	99
73) Isopropylbenzene	11.00	105	149923	4.960	ug/l	100
74) N-amyl acetate	10.88	43	62468	4.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	51217	4.814	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	49786m	4.901	ug/l	
77) Bromobenzene	11.24	156	42211	5.035	ug/l	99
78) n-propylbenzene	11.34	91	175227	5.069	ug/l	100
79) 2-Chlorotoluene	11.40	91	106678	5.018	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	130447	5.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	17737	4.689	ug/l	92
82) 4-Chlorotoluene	11.49	91	130570	5.160	ug/l	100
83) tert-Butylbenzene	11.76	119	122781	4.978	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	127687	5.003	ug/l	98
85) sec-Butylbenzene	11.93	105	146251	5.200	ug/l	100
86) p-Isopropyltoluene	12.05	119	132812	5.134	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	80053	5.407	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	77500	5.226	ug/l	92
89) n-Butylbenzene	12.37	91	122661	5.169	ug/l	99
90) Hexachloroethane	12.58	117	25644	5.045	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	73209	5.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11206	4.206	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091720\
Data File : VX018458.D
Acq On : 17 Sep 2020 10:21
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
9/18/2020 12:19:34 PM

Quant Time: Sep 17 12:03:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 11:50:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	48443	5.223	ug/l	96
94) Hexachlorobutadiene	13.77	225	20244	5.447	ug/l	95
95) Naphthalene	13.82	128	137225	4.524	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	47425	5.155	ug/l	98

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

