

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
 Data File : VX019007.D
 Acq On : 21 Oct 2020 18:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:21:48 PM

Quant Time: Oct 22 01:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	17044	4.96	ug/l	0.00
Spiked Amount			Recovery	=	9.92%	
35) Dibromofluoromethane	5.46	113	14137	4.90	ug/l	0.00
Spiked Amount			Recovery	=	9.80%	
50) Toluene-d8	8.70	98	54670	5.18	ug/l	0.00
Spiked Amount			Recovery	=	10.36%	
62) 4-Bromofluorobenzene	11.12	95	19583	4.75	ug/l	0.00
Spiked Amount			Recovery	=	9.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	11707	4.918	ug/l	97
3) Chloromethane	1.31	50	12545	4.579	ug/l	94
4) Vinyl Chloride	1.39	62	15134	5.137	ug/l	99
5) Bromomethane	1.64	94	19799	10.012	ug/l	97
6) Chloroethane	1.71	64	12177	7.032	ug/l	99
7) Trichlorofluoromethane	1.92	101	26664	5.855	ug/l	100
8) Diethyl Ether	2.17	74	10677	6.535	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	12649	5.310	ug/l	98
10) Methyl Iodide	2.49	142	10371	3.939	ug/l	97
11) Tert butyl alcohol	3.04	59	16100	26.374	ug/l	97
12) 1,1-Dichloroethene	2.35	96	13087	5.419	ug/l	93
13) Acrolein	2.28	56	8040	22.579	ug/l	99
14) Allyl chloride	2.71	41	16595	3.740	ug/l	98
15) Acrylonitrile	3.12	53	30916	21.901	ug/l	97
16) Acetone	2.43	43	27219	20.976	ug/l	97
17) Carbon Disulfide	2.55	76	36069	5.038	ug/l	100
18) Methyl Acetate	2.75	43	12959	4.028	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	41625	4.991	ug/l	99
20) Methylene Chloride	2.84	84	14875	5.006	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	14844	5.262	ug/l	98
22) Diisopropyl ether	3.82	45	33293	3.974	ug/l	93
23) Vinyl Acetate	3.78	43	156974	21.033	ug/l	99
24) 1,1-Dichloroethane	3.67	63	24728	4.935	ug/l	98
25) 2-Butanone	4.64	43	43241	21.372	ug/l	98
26) 2,2-Dichloropropane	4.55	77	23060	4.971	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	17651	5.570	ug/l	96
28) Bromochloromethane	4.98	49	10143	4.411	ug/l	99
29) Tetrahydrofuran	5.09	42	25454	20.232	ug/l	99
30) Chloroform	5.18	83	25802	5.022	ug/l	99
31) Cyclohexane	5.54	56	18740	4.546	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	23539	4.913	ug/l	99
36) 1,1-Dichloropropene	5.77	75	20063	4.963	ug/l	98
37) Ethyl Acetate	4.79	43	16887	4.036	ug/l	99
38) Carbon Tetrachloride	5.75	117	20132	4.539	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019007.D
 Acq On : 21 Oct 2020 18:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:21:48 PM

Quant Time: Oct 22 01:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	21875	4.817	ug/l	97
40) Benzene	6.11	78	58928	5.042	ug/l	99
41) Methacrylonitrile	5.01	41	9553	4.122	ug/l	96
42) 1,2-Dichloroethane	6.16	62	20243	4.536	ug/l	100
43) Isopropyl Acetate	6.41	43	28966	4.155	ug/l	99
44) Trichloroethene	7.19	130	17111	5.060	ug/l	100
45) 1,2-Dichloropropane	7.49	63	14031	4.451	ug/l	97
46) Dibromomethane	7.63	93	10482	4.793	ug/l	99
47) Bromodichloromethane	7.88	83	20593	4.677	ug/l	95
48) Methyl methacrylate	7.74	41	13636	4.046	ug/l	98
49) 1,4-Dioxane	7.74	88	6673	112.758	ug/l #	93
51) 4-Methyl-2-Pentanone	8.62	43	85142	20.554	ug/l	100
52) Toluene	8.76	92	38127	5.138	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	22482	4.498	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	24785	4.808	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	15855	5.179	ug/l	96
56) Ethyl methacrylate	9.16	69	22056	4.895	ug/l	98
57) 1,3-Dichloropropane	9.35	76	25498	4.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	59915	25.125	ug/l	99
59) 2-Hexanone	9.48	43	64600	20.596	ug/l	99
60) Dibromochloromethane	9.57	129	16173	4.471	ug/l	98
61) 1,2-Dibromoethane	9.65	107	16761	5.146	ug/l	96
64) Tetrachloroethene	9.32	164	15462	5.174	ug/l	95
65) Chlorobenzene	10.12	112	42901	5.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	14627	4.667	ug/l	98
67) Ethyl Benzene	10.24	91	73733	5.407	ug/l	97
68) m/p-Xylenes	10.34	106	55362	10.653	ug/l	98
69) o-Xylene	10.68	106	26919	5.475	ug/l	99
70) Styrene	10.69	104	44855	5.320	ug/l	98
71) Bromoform	10.84	173	11167	4.286	ug/l #	98
73) Isopropylbenzene	11.00	105	72388	5.704	ug/l	100
74) N-amyl acetate	10.88	43	23113	4.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	22175	5.343	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	20360m	5.202	ug/l	
77) Bromobenzene	11.24	156	17732	5.124	ug/l	98
78) n-propylbenzene	11.34	91	81883	5.553	ug/l	99
79) 2-Chlorotoluene	11.40	91	47656	5.367	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	58722	5.449	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	7384	4.829	ug/l	91
82) 4-Chlorotoluene	11.49	91	56143	5.320	ug/l	100
83) tert-Butylbenzene	11.76	119	57550	5.480	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	59012	5.450	ug/l	100
85) sec-Butylbenzene	11.93	105	71117	5.718	ug/l	100
86) p-Isopropyltoluene	12.05	119	62836	5.521	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	32946	5.306	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	34463	5.467	ug/l	96
89) n-Butylbenzene	12.37	91	59898	5.696	ug/l	97
90) Hexachloroethane	12.58	117	9372	4.241	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	31739	5.438	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4741	4.806	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
Data File : VX019007.D
Acq On : 21 Oct 2020 18:23
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
10/22/2020 1:21:48 PM

Quant Time: Oct 22 01:35:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 01:25:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	21338	5.223	ug/l	96
94) Hexachlorobutadiene	13.77	225	9819	5.663	ug/l	98
95) Naphthalene	13.82	128	66725	5.399	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	20695	5.301	ug/l	99

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

