

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019132.D
 Acq On : 27 Oct 2020 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
 10/28/2020 12:33:16 PM

Quant Time: Oct 27 13:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	67741	19.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.58%	
35) Dibromofluoromethane	5.46	113	53483	18.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.46%	
50) Toluene-d8	8.70	98	204390	18.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.14%	
62) 4-Bromofluorobenzene	11.12	95	76457	18.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	46350	19.901	ug/l	97
3) Chloromethane	1.31	50	50494	20.134	ug/l	99
4) Vinyl Chloride	1.39	62	59395	18.954	ug/l	99
5) Bromomethane	1.64	94	46300	23.389	ug/l	98
6) Chloroethane	1.72	64	38823	18.377	ug/l	99
7) Trichlorofluoromethane	1.92	101	95398	17.914	ug/l	100
8) Diethyl Ether	2.17	74	36357	17.324	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52424	19.356	ug/l	99
10) Methyl Iodide	2.49	142	42078	14.062	ug/l	99
11) Tert butyl alcohol	3.02	59	69872	97.158	ug/l	100
12) 1,1-Dichloroethene	2.36	96	52666	19.216	ug/l	97
13) Acrolein	2.28	56	27288	78.217	ug/l	99
14) Allyl chloride	2.71	41	78901	21.653	ug/l	99
15) Acrylonitrile	3.12	53	148237	102.589	ug/l	99
16) Acetone	2.42	43	123633	106.550	ug/l	98
17) Carbon Disulfide	2.55	76	146076	19.236	ug/l	100
18) Methyl Acetate	2.75	43	59766	20.958	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	188077	19.863	ug/l	100
20) Methylene Chloride	2.84	84	59633	18.101	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	59414	18.439	ug/l	99
22) Diisopropyl ether	3.82	45	164760	21.408	ug/l	98
23) Vinyl Acetate	3.78	43	737003	108.786	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101242	20.132	ug/l	100
25) 2-Butanone	4.64	43	198806	107.425	ug/l	98
26) 2,2-Dichloropropane	4.55	77	94628	20.001	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	67687	18.673	ug/l	99
28) Bromochloromethane	4.98	49	43070	19.799	ug/l	99
29) Tetrahydrofuran	5.09	42	127403	108.140	ug/l	99
30) Chloroform	5.17	83	108863	19.534	ug/l	99
31) Cyclohexane	5.55	56	89185	20.031	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	98908	19.894	ug/l	99
36) 1,1-Dichloropropene	5.77	75	83332	19.902	ug/l	99
37) Ethyl Acetate	4.79	43	79542	21.533	ug/l	100
38) Carbon Tetrachloride	5.75	117	84148	19.526	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019132.D
 Acq On : 27 Oct 2020 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
 10/28/2020 12:33:16 PM

Quant Time: Oct 27 13:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99248	19.333	ug/l	97
40) Benzene	6.11	78	239356	19.502	ug/l	100
41) Methacrylonitrile	5.00	41	41816	21.933	ug/l	98
42) 1,2-Dichloroethane	6.16	62	88125	21.007	ug/l	100
43) Isopropyl Acetate	6.41	43	131566	21.770	ug/l	99
44) Trichloroethene	7.19	130	67384	19.173	ug/l	97
45) 1,2-Dichloropropane	7.49	63	59033	20.451	ug/l	100
46) Dibromomethane	7.63	93	42809	19.685	ug/l	98
47) Bromodichloromethane	7.87	83	85075	20.004	ug/l	100
48) Methyl methacrylate	7.74	41	64746	22.719	ug/l	97
49) 1,4-Dioxane	7.73	88	28719	390.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	394518	111.746	ug/l	99
52) Toluene	8.76	92	155652	19.606	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	95219	20.256	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	101139	20.203	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	61782	19.545	ug/l	97
56) Ethyl methacrylate	9.16	69	93863	20.569	ug/l	99
57) 1,3-Dichloropropane	9.35	76	103160	19.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249166	100.798	ug/l	99
59) 2-Hexanone	9.47	43	300497	111.889	ug/l	100
60) Dibromochloromethane	9.57	129	66371	19.698	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65026	19.387	ug/l	100
64) Tetrachloroethene	9.32	164	62256	19.028	ug/l	98
65) Chlorobenzene	10.12	112	166763	19.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	61115	19.934	ug/l	99
67) Ethyl Benzene	10.23	91	298866	19.922	ug/l	99
68) m/p-Xylenes	10.34	106	225291	39.076	ug/l	99
69) o-Xylene	10.68	106	105372	19.071	ug/l	100
70) Styrene	10.70	104	180220	19.577	ug/l	100
71) Bromoform	10.84	173	46672	19.329	ug/l #	99
73) Isopropylbenzene	11.00	105	292793	20.421	ug/l	100
74) N-amyl acetate	10.88	43	104486	22.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	90836	20.284	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	87102m	21.850	ug/l	
77) Bromobenzene	11.24	156	71023	19.780	ug/l	97
78) n-propylbenzene	11.34	91	330269	20.526	ug/l	100
79) 2-Chlorotoluene	11.40	91	195218	20.635	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	246084	20.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30382	20.143	ug/l	98
82) 4-Chlorotoluene	11.49	91	232928	20.794	ug/l	99
83) tert-Butylbenzene	11.76	119	238680	20.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	247105	20.652	ug/l	99
85) sec-Butylbenzene	11.93	105	281423	20.282	ug/l	100
86) p-Isopropyltoluene	12.05	119	262498	20.435	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	128383	19.322	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	132493	19.136	ug/l	99
89) n-Butylbenzene	12.37	91	241219	20.599	ug/l	98
90) Hexachloroethane	12.58	117	42904	19.964	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	126351	19.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21345	21.583	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019132.D
Acq On : 27 Oct 2020 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
10/28/2020 12:33:16 PM

Quant Time: Oct 27 13:30:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	88300	19.468	ug/l	99
94) Hexachlorobutadiene	13.76	225	38759	19.234	ug/l	97
95) Naphthalene	13.82	128	288387	20.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	85449	19.202	ug/l	99

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

