

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016963.D
 Acq On : 25 Jun 2020 19:37
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:21 PM

Quant Time: Jun 26 08:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	188986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	339339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	311106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	152770	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	60115	22.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.56%	
35) Dibromofluoromethane	5.46	113	43969	23.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.20%	
50) Toluene-d8	8.70	98	157873	19.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.88%	
62) 4-Bromofluorobenzene	11.12	95	58826	18.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	30046	15.038	ug/l	99
3) Chloromethane	1.32	50	50173	23.179	ug/l	99
4) Vinyl Chloride	1.39	62	46810	17.618	ug/l	95
5) Bromomethane	1.63	94	40262	36.574	ug/l	99
6) Chloroethane	1.71	64	31761	19.601	ug/l	100
7) Trichlorofluoromethane	1.92	101	73674	22.202	ug/l	98
8) Diethyl Ether	2.17	74	29993	19.843	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36540	17.922	ug/l	100
10) Methyl Iodide	2.49	142	43634	19.521	ug/l	100
11) Tert butyl alcohol	3.01	59	56021	98.832	ug/l	99
12) 1,1-Dichloroethene	2.35	96	40857	19.240	ug/l	98
13) Acrolein	2.28	56	39142	106.474	ug/l	97
14) Allyl chloride	2.71	41	80873	21.318	ug/l	98
15) Acrylonitrile	3.12	53	129996	104.769	ug/l	100
16) Acetone	2.42	43	117281	115.561	ug/l	99
17) Carbon Disulfide	2.55	76	124739	19.168	ug/l	100
18) Methyl Acetate	2.75	43	56027	18.955	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	156005	20.566	ug/l	99
20) Methylene Chloride	2.84	84	51097	20.790	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	46490	19.651	ug/l	98
22) Diisopropyl ether	3.82	45	161379	21.536	ug/l	96
23) Vinyl Acetate	3.79	43	721825	116.538	ug/l	100
24) 1,1-Dichloroethane	3.67	63	87852	20.669	ug/l	96
25) 2-Butanone	4.63	43	182909	111.962	ug/l	98
26) 2,2-Dichloropropane	4.55	77	69619	18.777	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	53171	19.929	ug/l	98
28) Bromochloromethane	4.98	49	37289	19.823	ug/l	99
29) Tetrahydrofuran	5.09	42	118850	109.918	ug/l	98
30) Chloroform	5.18	83	88686	21.051	ug/l	97
31) Cyclohexane	5.55	56	63843	16.219	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	75820	19.928	ug/l	99
36) 1,1-Dichloropropene	5.77	75	60941	18.691	ug/l	98
37) Ethyl Acetate	4.79	43	73572	22.156	ug/l	98
38) Carbon Tetrachloride	5.75	117	66688	21.761	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016963.D
 Acq On : 25 Jun 2020 19:37
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:21 PM

Quant Time: Jun 26 08:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	57721	14.802	ug/l	96
40) Benzene	6.12	78	190615	20.096	ug/l	97
41) Methacrylonitrile	5.01	41	39337	21.038	ug/l	98
42) 1,2-Dichloroethane	6.16	62	77349	22.779	ug/l	100
43) Isopropyl Acetate	6.42	43	118809	21.802	ug/l	99
44) Trichloroethene	7.19	130	49084	17.180	ug/l	98
45) 1,2-Dichloropropane	7.49	63	49966	20.508	ug/l	99
46) Dibromomethane	7.64	93	35575	21.785	ug/l	97
47) Bromodichloromethane	7.88	83	72241	21.595	ug/l	99
48) Methyl methacrylate	7.74	41	55913	20.889	ug/l	98
49) 1,4-Dioxane	7.71	88	23034	393.883	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	357809	112.083	ug/l	99
52) Toluene	8.77	92	116031	19.329	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	77360	19.518	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	82525	19.915	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	49003	20.425	ug/l	96
56) Ethyl methacrylate	9.16	69	73456	19.117	ug/l	99
57) 1,3-Dichloropropane	9.35	76	84729	20.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	189660	99.245	ug/l	99
59) 2-Hexanone	9.47	43	267759	110.613	ug/l	100
60) Dibromochloromethane	9.57	129	54236	22.254	ug/l	99
61) 1,2-Dibromoethane	9.65	107	51663	20.713	ug/l	99
64) Tetrachloroethene	9.32	164	39912	13.601	ug/l	98
65) Chlorobenzene	10.12	112	126506	20.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	47155	21.233	ug/l	99
67) Ethyl Benzene	10.24	91	216429	18.960	ug/l	99
68) m/p-Xylenes	10.34	106	163856	39.076	ug/l	99
69) o-Xylene	10.68	106	78163	19.171	ug/l	97
70) Styrene	10.69	104	134641	19.188	ug/l	99
71) Bromoform	10.84	173	36912	23.756	ug/l #	99
73) Isopropylbenzene	11.00	105	203049	18.065	ug/l	99
74) N-amyl acetate	10.88	43	101657	20.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71539	26.444	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	68185m	20.805	ug/l	
77) Bromobenzene	11.24	156	52523	20.239	ug/l	99
78) n-propylbenzene	11.34	91	235281	17.706	ug/l	100
79) 2-Chlorotoluene	11.40	91	146126	18.667	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	171197	17.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24251	17.084	ug/l	98
82) 4-Chlorotoluene	11.49	91	172686	18.463	ug/l	99
83) tert-Butylbenzene	11.76	119	164528	19.979	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	175875	17.949	ug/l	100
85) sec-Butylbenzene	11.93	105	181793	16.543	ug/l	100
86) p-Isopropyltoluene	12.05	119	171280	17.072	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	95163	19.942	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	95600	19.484	ug/l	99
89) n-Butylbenzene	12.37	91	150059	15.943	ug/l	99
90) Hexachloroethane	12.58	117	34526	21.147	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	91892	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15596	19.129	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016963.D
Acq On : 25 Jun 2020 19:37
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:21 PM

Quant Time: Jun 26 08:27:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54612	18.372	ug/l	96
94) Hexachlorobutadiene	13.77	225	18353	17.480	ug/l	96
95) Naphthalene	13.82	128	198061	18.629	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	54565	19.335	ug/l	99

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

