

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019135.D
 Acq On : 27 Oct 2020 13:25
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:03 PM

Quant Time: Oct 27 14:01:25 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	5.64	168	274732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	533796	162.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.58%	
35) Dibromofluoromethane	5.46	113	438562	158.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.20%	
50) Toluene-d8	8.70	98	1631630	152.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.18%	
62) 4-Bromofluorobenzene	11.12	95	652982	171.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	342.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	358394	164.260	ug/l	100
3) Chloromethane	1.31	50	380857	162.105	ug/l	100
4) Vinyl Chloride	1.39	62	453934	154.629	ug/l	99
5) Bromomethane	1.62	94	245067	132.151	ug/l	99
6) Chloroethane	1.70	64	283476	143.235	ug/l	99
7) Trichlorofluoromethane	1.91	101	717481	143.816	ug/l	97
8) Diethyl Ether	2.17	74	277998	141.401	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	402480	158.624	ug/l	100
10) Methyl Iodide	2.49	142	502852	179.377	ug/l	99
11) Tert butyl alcohol	3.06	59	540102m	801.674	ug/l	
12) 1,1-Dichloroethene	2.36	96	412678	160.731	ug/l	95
13) Acrolein	2.27	56	239748	733.554	ug/l	100
14) Allyl chloride	2.70	41	626623	183.560	ug/l	99
15) Acrylonitrile	3.12	53	1133941	837.684	ug/l	100
16) Acetone	2.42	43	917388	843.953	ug/l	99
17) Carbon Disulfide	2.55	76	1151761	161.902	ug/l	100
18) Methyl Acetate	2.75	43	449928	168.417	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1444402	162.834	ug/l	100
20) Methylene Chloride	2.83	84	458433	148.540	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	466085	154.406	ug/l	99
22) Diisopropyl ether	3.82	45	1251781	173.619	ug/l	97
23) Vinyl Acetate	3.79	43	5582803	879.634	ug/l	98
24) 1,1-Dichloroethane	3.67	63	779997	165.567	ug/l	100
25) 2-Butanone	4.64	43	1481539	854.544	ug/l	100
26) 2,2-Dichloropropane	4.55	77	721112	162.697	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	527795	155.428	ug/l	99
28) Bromochloromethane	4.98	49	352879	173.155	ug/l	99
29) Tetrahydrofuran	5.09	42	950282	861.004	ug/l	99
30) Chloroform	5.18	83	832791	159.514	ug/l	100
31) Cyclohexane	5.55	56	674673	161.749	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	767861	164.859	ug/l	99
36) 1,1-Dichloropropene	5.77	75	629624	159.042	ug/l	100
37) Ethyl Acetate	4.79	43	592378	169.613	ug/l	99
38) Carbon Tetrachloride	5.76	117	677282	166.223	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019135.D
 Acq On : 27 Oct 2020 13:25
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:03 PM

Quant Time: Oct 27 14:01:25 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	775738	159.824	ug/l	100
40) Benzene	6.11	78	1822557	157.058	ug/l	100
41) Methacrylonitrile	5.01	41	315353	174.941	ug/l	98
42) 1,2-Dichloroethane	6.16	62	663686	167.329	ug/l	99
43) Isopropyl Acetate	6.42	43	999297	174.882	ug/l	99
44) Trichloroethene	7.19	130	519373	156.300	ug/l	97
45) 1,2-Dichloropropane	7.49	63	453642	166.221	ug/l	100
46) Dibromomethane	7.63	93	330167	160.577	ug/l	99
47) Bromodichloromethane	7.88	83	679315	168.936	ug/l	99
48) Methyl methacrylate	7.74	41	492747	182.869	ug/l	99
49) 1,4-Dioxane	7.73	88	224859	3234.520	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2886316	864.680	ug/l	98
52) Toluene	8.77	92	1190363	158.581	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	768401	172.889	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	798611	168.724	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	474585	158.796	ug/l	98
56) Ethyl methacrylate	9.16	69	748896	173.571	ug/l	100
57) 1,3-Dichloropropane	9.35	76	776097	158.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1898526	812.317	ug/l	100
59) 2-Hexanone	9.48	43	2230499	878.406	ug/l	99
60) Dibromochloromethane	9.57	129	545351	171.186	ug/l	99
61) 1,2-Dibromoethane	9.65	107	507003	159.877	ug/l	99
64) Tetrachloroethene	9.32	164	449612	143.788	ug/l	97
65) Chlorobenzene	10.12	112	1268094	154.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	480147	163.870	ug/l	99
67) Ethyl Benzene	10.24	91	2280360	159.049	ug/l	97
68) m/p-Xylenes	10.34	106	1745588	316.801	ug/l	98
69) o-Xylene	10.68	106	842425	159.535	ug/l	97
70) Styrene	10.70	104	1467913	166.848	ug/l	100
71) Bromoform	10.84	173	413835	179.332	ug/l #	99
73) Isopropylbenzene	11.00	105	2262489	157.022	ug/l	99
74) N-amyl acetate	10.88	43	881369	188.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	727351	161.620	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	649146m	162.041	ug/l	
77) Bromobenzene	11.24	156	567790	157.358	ug/l	98
78) n-propylbenzene	11.35	91	2603874	161.038	ug/l	99
79) 2-Chlorotoluene	11.40	91	1533874	161.335	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1947015	163.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	269710	177.940	ug/l	98
82) 4-Chlorotoluene	11.49	91	1846991	164.076	ug/l	100
83) tert-Butylbenzene	11.76	119	1914213	164.794	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1980245	164.689	ug/l	99
85) sec-Butylbenzene	11.93	105	2257241	161.876	ug/l	100
86) p-Isopropyltoluene	12.05	119	2128486	164.885	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1058613	158.539	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	1072213	154.101	ug/l	98
89) n-Butylbenzene	12.37	91	1979789	168.238	ug/l	99
90) Hexachloroethane	12.58	117	394065	182.469	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1033529	158.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	185015	186.160	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019135.D
Acq On : 27 Oct 2020 13:25
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
10/28/2020 12:33:03 PM

Quant Time: Oct 27 14:01:25 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	761917	167.158	ug/l	99
94) Hexachlorobutadiene	13.76	225	326679	161.317	ug/l	99
95) Naphthalene	13.82	128	2439747	169.969	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	731547	163.590	ug/l	99

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

