

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015463.D
 Acq On : 01 Apr 2020 13:24
 Operator : JC/SP
 Sample : VX0401WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Quant Time: Apr 02 09:44:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	185536	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1036903	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	930248	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	464150	32.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.70%
60) 4-Bromofluorobenzene	11.12	95	490199	30.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.63%
63) Toluene-d8	8.70	98	1215497	30.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	162005	18.285	ug/l 100
3) Chloromethane	1.31	50	190904	17.458	ug/l 100
4) Vinyl Chloride	1.39	62	197595	18.784	ug/l 99
5) Bromomethane	1.64	94	119278	21.299	ug/l 97
6) Chloroethane	1.72	64	126159	19.223	ug/l 99
7) Trichlorofluoromethane	1.92	101	295342	19.646	ug/l 99
8) Diethyl Ether	2.17	74	116133	20.078	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	197776	19.885	ug/l 97
10) 1,1-Dichloroethene	2.36	96	196068	19.408	ug/l 91
11) Methyl Iodide	2.49	142	221893	16.528	ug/l 96
12) Methyl Acetate	2.75	43	306664	20.745	ug/l 97
13) Acrolein	2.28	56	203232	105.681	ug/l 95
14) Acrylonitrile	3.12	53	655133	103.517	ug/l 99
15) Acetone	2.43	58	177305	110.177	ug/l 99
16) Carbon Disulfide	2.55	76	571916	19.365	ug/l 99
17) Allyl chloride	2.71	41	450006	19.729	ug/l 96
18) Methylene Chloride	2.83	84	227178	20.029	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	212464	19.441	ug/l 92
20) Diisopropyl ether	3.83	45	840154	20.537	ug/l 93
21) 1,1-Dichloroethane	3.67	63	417587	19.997	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	245283	19.483	ug/l 98
23) tert-Butyl Alcohol	3.03	59	338721	108.809	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	771209	20.561	ug/l 100
25) Chloroform	5.18	83	410909	19.907	ug/l 99
26) Cyclohexane	5.55	56	384163	19.254	ug/l 100
29) 1,1-Dichloropropene	5.76	75	307444	19.735	ug/l 98
30) 2-Butanone	4.64	43	973373	104.230	ug/l 98
31) 2,2-Dichloropropane	4.55	77	370737	19.776	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	368898	19.408	ug/l 98
33) Carbon Tetrachloride	5.75	117	335399	19.364	ug/l 94
34) Benzene	6.11	78	887525	19.767	ug/l 99
35) Methacrylonitrile	5.01	41	220716	20.842	ug/l 98
36) 1,2-Dichloroethane	6.17	62	368087	21.216	ug/l 99
37) Trichloroethene	7.19	130	244192	19.315	ug/l 94
38) Methylcyclohexane	7.44	83	374501	19.610	ug/l 98
39) 1,2-Dichloropropane	7.49	63	244608	20.283	ug/l 96
40) Dibromomethane	7.64	93	161586	20.130	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015463.D
 Acq On : 01 Apr 2020 13:24
 Operator : JC/SP
 Sample : VX0401WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Quant Time: Apr 02 09:44:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	338991	19.432	ug/l	97
42) Vinyl Acetate	3.78	43	3817201	107.877	ug/l	99
43) Ethyl Acetate	4.80	43	381237	18.767	ug/l	97
44) Isopropyl Acetate	6.41	43	651296	19.922	ug/l	99
45) 1,4-Dioxane	7.73	88	123931	411.502	ug/l	96
46) Methyl methacrylate	7.75	41	322212	19.751	ug/l	98
47) n-amyl Acetate	10.88	43	551510	19.565	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	392112	19.470	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	414011	19.917	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	234132	20.325	ug/l	97
51) Ethyl methacrylate	9.16	69	388212	19.595	ug/l	100
52) 1,3-Dichloropropane	9.36	76	402971	20.253	ug/l	98
53) Dibromochloromethane	9.56	129	269653	18.989	ug/l	100
54) 1,2-Dibromoethane	9.65	107	244666	19.794	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	981394	104.879	ug/l	99
56) Bromoform	10.84	173	202329	17.328	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1912377	107.414	ug/l	99
59) 2-Hexanone	9.47	43	1431478	105.687	ug/l	100
61) Tetrachloroethene	9.32	164	235324	19.681	ug/l	99
62) Toluene	8.76	91	947718	20.114	ug/l	100
64) Chlorobenzene	10.12	112	607299	20.047	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	240212	19.405	ug/l	99
66) Ethyl Benzene	10.24	91	1080736	20.078	ug/l	97
67) m/p-Xylenes	10.34	106	815456	40.026	ug/l	99
68) o-Xylene	10.68	106	391239	19.647	ug/l	99
69) Styrene	10.70	104	688879	19.856	ug/l	99
70) Isopropylbenzene	11.00	105	1073676	20.338	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	349160	20.406	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	334755m	20.909	ug/l	
73) Bromobenzene	11.24	156	269362	19.008	ug/l	97
74) n-propylbenzene	11.35	91	1252542	20.686	ug/l	100
75) 2-Chlorotoluene	11.40	91	742908	20.173	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	918541	20.261	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	129039	18.703	ug/l	96
78) 4-Chlorotoluene	11.49	91	873870	20.511	ug/l	100
79) tert-butylbenzene	11.76	119	879801	19.417	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	919291	20.017	ug/l	100
81) sec-Butylbenzene	11.93	105	1051690	20.234	ug/l	98
82) p-Isopropyltoluene	12.05	119	966301	19.725	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	491182	19.276	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	490798	19.301	ug/l	99
85) n-Butylbenzene	12.37	91	884940	20.267	ug/l	99
86) Hexachloroethane	12.58	117	181516	19.171	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	484245	19.479	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	87058	19.317	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	361407	18.047	ug/l	99
90) Hexachlorobutadiene	13.77	225	172071	16.311	ug/l	99
91) Naphthalene	13.82	128	1143916	19.726	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	361132	18.153	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
Data File : VX015463.D
Acq On : 01 Apr 2020 13:24
Operator : JC/SP
Sample : VX0401WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Quant Time: Apr 02 09:44:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

