

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015200.D
 Acq On : 15 Apr 2020 13:41
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 15 14:18:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	535983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	928311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	829805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	387454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	509987	69.17	ug/l	0.00
Spiked Amount			Recovery	=	138.34%	
35) Dibromofluoromethane	7.88	113	501187	91.78	ug/l	0.00
Spiked Amount			Recovery	=	183.56%	
50) Toluene-d8	10.32	98	2094829	92.40	ug/l	0.00
Spiked Amount			Recovery	=	184.80%	
62) 4-Bromofluorobenzene	12.62	95	749149	99.14	ug/l	0.00
Spiked Amount			Recovery	=	198.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	365097	110.419	ug/l	98
3) Chloromethane	2.21	50	513516	76.856	ug/l	99
4) Vinyl Chloride	2.36	62	612925	70.868	ug/l	99
5) Bromomethane	2.78	94	309935	63.013	ug/l	94
6) Chloroethane	2.92	64	288979	59.282	ug/l	99
7) Trichlorofluoromethane	3.26	101	372275	84.957	ug/l	99
8) Diethyl Ether	3.68	74	294013	87.254	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	566405	83.352	ug/l	100
10) Methyl Iodide	4.27	142	836260	106.090	ug/l	99
11) Tert butyl alcohol	5.15	59	204931	468.053	ug/l	99
12) 1,1-Dichloroethene	4.04	96	592294	88.948	ug/l	97
13) Acrolein	3.89	56	207967	341.004	ug/l	99
14) Allyl chloride	4.67	41	863328	67.744	ug/l	99
15) Acrylonitrile	5.36	53	665416	397.899	ug/l	100
16) Acetone	4.12	43	497130	305.163	ug/l	99
17) Carbon Disulfide	4.38	76	1809895	78.207	ug/l	99
18) Methyl Acetate	4.67	43	313657	78.141	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	753097	89.310	ug/l	99
20) Methylene Chloride	4.91	84	570668	70.905	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	606344	86.102	ug/l	99
22) Diisopropyl ether	6.31	45	1736443	71.162	ug/l	97
23) Vinyl Acetate	6.25	43	5372047	375.396	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1031327	71.428	ug/l	99
25) 2-Butanone	7.17	43	838976	371.120	ug/l	99
26) 2,2-Dichloropropane	7.17	77	643578	76.471	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	651225	88.659	ug/l	100
28) Bromochloromethane	7.51	49	432817	64.560	ug/l	99
29) Tetrahydrofuran	7.52	42	559204	394.319	ug/l	99
30) Chloroform	7.67	83	998961	76.969	ug/l	98
31) Cyclohexane	7.95	56	1039452	69.851	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	832603	81.606	ug/l	99
36) 1,1-Dichloropropene	8.08	75	850717	82.456	ug/l	99
37) Ethyl Acetate	7.24	43	390027	77.965	ug/l	98
38) Carbon Tetrachloride	8.07	117	777699	90.334	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015200.D
 Acq On : 15 Apr 2020 13:41
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 15 14:18:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1146159	95.013	ug/l	97
40) Benzene	8.32	78	2409608	83.456	ug/l	99
41) Methacrylonitrile	7.48	41	235445	87.866	ug/l	96
42) 1,2-Dichloroethane	8.40	62	625823	72.910	ug/l	100
43) Isopropyl Acetate	8.42	43	773992	85.358	ug/l	98
44) Trichloroethene	9.09	130	633839	99.592	ug/l	98
45) 1,2-Dichloropropane	9.37	63	595483	77.558	ug/l	98
46) Dibromomethane	9.46	93	310069	90.926	ug/l	99
47) Bromodichloromethane	9.64	83	783905	86.396	ug/l	99
48) Methyl methacrylate	9.43	41	363764	86.751	ug/l	99
49) 1,4-Dioxane	9.44	88	107149	2098.088	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1977604	398.337	ug/l	100
52) Toluene	10.38	92	1559925	92.945	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	838207	93.856	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	978953	90.112	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	440053	93.923	ug/l	97
56) Ethyl methacrylate	10.64	69	644298	106.810	ug/l	97
57) 1,3-Dichloropropane	10.93	76	780255	88.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1556201	451.854	ug/l	100
59) 2-Hexanone	10.96	43	1346487	437.197	ug/l	99
60) Dibromochloromethane	11.13	129	523785	105.725	ug/l	99
61) 1,2-Dibromoethane	11.23	107	433052	102.985	ug/l	99
64) Tetrachloroethene	10.86	164	480033	99.787	ug/l	99
65) Chlorobenzene	11.66	112	1589593	96.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	555396	100.395	ug/l	99
67) Ethyl Benzene	11.73	91	3004604	94.546	ug/l	99
68) m/p-Xylenes	11.84	106	2259280	198.767	ug/l	98
69) o-Xylene	12.16	106	1074111	104.228	ug/l	99
70) Styrene	12.18	104	1832043	104.254	ug/l	99
71) Bromoform	12.35	173	294782	118.084	ug/l #	98
73) Isopropylbenzene	12.46	105	2924942	99.748	ug/l	99
74) N-amyl acetate	12.27	43	776725	93.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	535100	91.970	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	328409m	76.945	ug/l	
77) Bromobenzene	12.74	156	600024	101.801	ug/l	95
78) n-propylbenzene	12.80	91	3530384	93.630	ug/l	100
79) 2-Chlorotoluene	12.89	91	1958483	92.278	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	2472524	98.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	198956	104.521	ug/l	99
82) 4-Chlorotoluene	12.99	91	2066750	91.417	ug/l	98
83) tert-Butylbenzene	13.21	119	2117527	102.865	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	2432796	96.834	ug/l	100
85) sec-Butylbenzene	13.38	105	3046233	98.688	ug/l	99
86) p-Isopropyltoluene	13.49	119	2665759	100.098	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1189503	96.220	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1176205	96.376	ug/l	100
89) n-Butylbenzene	13.82	91	2723734	96.207	ug/l	100
90) Hexachloroethane	14.09	117	529137	98.367	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	1083492	99.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	86352	92.188	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
Data File : VW015200.D
Acq On : 15 Apr 2020 13:41
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Apr 15 14:18:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 14:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	709655	111.906	ug/l	100
94) Hexachlorobutadiene	15.23	225	391563	98.786	ug/l	99
95) Naphthalene	15.36	128	1487243	125.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	611383	108.858	ug/l	98

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

