

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082820\
 Data File : VW016401.D
 Acq On : 28 Aug 2020 14:31
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 11:59:33 AM

Quant Time: Aug 28 15:01:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	284786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	262929	151.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.52%	
35) Dibromofluoromethane	7.89	113	259250	148.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.72%	
50) Toluene-d8	10.32	98	969761	144.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.18%	
62) 4-Bromofluorobenzene	12.62	95	360750	149.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	154616	128.156	ug/l	99
3) Chloromethane	2.21	50	145340	116.202	ug/l	100
4) Vinyl Chloride	2.37	62	200193	113.977	ug/l	97
5) Bromomethane	2.77	94	143955	129.538	ug/l	100
6) Chloroethane	2.92	64	125731	125.974	ug/l	94
7) Trichlorofluoromethane	3.26	101	262043	173.077	ug/l	98
8) Diethyl Ether	3.68	74	127442	139.577	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	245911	129.337	ug/l	100
10) Methyl Iodide	4.27	142	379336	136.823	ug/l	99
11) Tert butyl alcohol	5.18	59	80511	844.725	ug/l	98
12) 1,1-Dichloroethene	4.04	96	251575	130.119	ug/l	99
13) Acrolein	3.90	56	58081	462.938	ug/l	96
14) Allyl chloride	4.67	41	320377	125.112	ug/l	100
15) Acrylonitrile	5.37	53	247699	726.436	ug/l	100
16) Acetone	4.13	43	228227	713.937	ug/l	95
17) Carbon Disulfide	4.38	76	708441	125.618	ug/l	100
18) Methyl Acetate	4.67	43	104739	137.078	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	375024	154.069	ug/l	99
20) Methylene Chloride	4.92	84	265390	107.336	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	276793	131.315	ug/l	99
22) Diisopropyl ether	6.31	45	609579	126.078	ug/l	99
23) Vinyl Acetate	6.26	43	1949688	701.828	ug/l	99
24) 1,1-Dichloroethane	6.22	63	440375	129.370	ug/l	99
25) 2-Butanone	7.17	43	303427	698.520	ug/l	95
26) 2,2-Dichloropropane	7.17	77	302387	134.301	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	304355	138.951	ug/l	97
28) Bromochloromethane	7.51	49	161601	126.800	ug/l	99
29) Tetrahydrofuran	7.53	42	189704	726.378	ug/l	99
30) Chloroform	7.68	83	488352	135.986	ug/l	99
31) Cyclohexane	7.96	56	377650	120.905	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	435155	143.176	ug/l	98
36) 1,1-Dichloropropene	8.09	75	383080	136.528	ug/l	100
37) Ethyl Acetate	7.25	43	134524	141.543	ug/l	98
38) Carbon Tetrachloride	8.07	117	427704	150.171	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	487573	144.602	ug/l	98
40) Benzene	8.32	78	1035582	132.009	ug/l	99
41) Methacrylonitrile	7.48	41	77269	142.951	ug/l	96
42) 1,2-Dichloroethane	8.40	62	318254	150.664	ug/l	100
43) Isopropyl Acetate	8.43	43	274249	152.159	ug/l	99
44) Trichloroethene	9.09	130	306891	136.581	ug/l	94
45) 1,2-Dichloropropane	9.37	63	237838	129.410	ug/l	99
46) Dibromomethane	9.46	93	143016	145.709	ug/l	96
47) Bromodichloromethane	9.65	83	376848	147.846	ug/l	98
48) Methyl methacrylate	9.44	41	141146	168.912	ug/l	92
49) 1,4-Dioxane	9.46	88	41458	3370.949	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	672766	743.190	ug/l	100
52) Toluene	10.39	92	697371	138.493	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	380759	160.834	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	438566	150.806	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	203552	144.290	ug/l	96
56) Ethyl methacrylate	10.65	69	261916	164.148	ug/l	98
57) 1,3-Dichloropropane	10.93	76	343014	143.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	542372	745.230	ug/l	99
59) 2-Hexanone	10.97	43	469403	760.809	ug/l	98
60) Dibromochloromethane	11.13	129	269226	158.504	ug/l	100
61) 1,2-Dibromoethane	11.24	107	202794	149.256	ug/l	97
64) Tetrachloroethene	10.87	164	254147	147.841	ug/l	95
65) Chlorobenzene	11.66	112	754782	141.796	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	281677	150.197	ug/l	98
67) Ethyl Benzene	11.73	91	1382302	145.153	ug/l	97
68) m/p-Xylenes	11.84	106	1030657	281.747	ug/l	99
69) o-Xylene	12.17	106	487833	149.642	ug/l	97
70) Styrene	12.18	104	844927	149.694	ug/l	99
71) Bromoform	12.35	173	146815	171.978	ug/l #	95
73) Isopropylbenzene	12.47	105	1379079	153.282	ug/l	100
74) N-amyl acetate	12.27	43	247757	155.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	219385	147.185	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	158559m	147.049	ug/l	
77) Bromobenzene	12.75	156	307354	152.985	ug/l	99
78) n-propylbenzene	12.80	91	1582679	147.929	ug/l	100
79) 2-Chlorotoluene	12.90	91	912304	147.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1161219	149.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	75575	167.796	ug/l	98
82) 4-Chlorotoluene	12.99	91	950536	147.693	ug/l	98
83) tert-Butylbenzene	13.21	119	994326	156.711	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1152152	150.868	ug/l	99
85) sec-Butylbenzene	13.38	105	1360038	148.357	ug/l	100
86) p-Isopropyltoluene	13.50	119	1263419	151.257	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	569720	144.117	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	578204	146.922	ug/l	99
89) n-Butylbenzene	13.82	91	1164567	151.453	ug/l	99
90) Hexachloroethane	14.10	117	240983	154.460	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	515800	147.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40953	174.397	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	370781	176.009	ug/l	95
94) Hexachlorobutadiene	15.24	225	206598	162.038	ug/l	96
95) Naphthalene	15.36	128	745718	193.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	323592	179.153	ug/l	98

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

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