

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014515.D
 Acq On : 03 Jan 2020 22:35
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:43:39 AM

Quant Time: Jan 06 01:29:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	752247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1076714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	919361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	458356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	343779	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.88	113	320640	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.32	98	1354253	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.62	95	443563	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	227929	53.664	ug/l	97
3) Chloromethane	2.21	50	242823	46.707	ug/l	99
4) Vinyl Chloride	2.36	62	407530	53.295	ug/l	96
5) Bromomethane	2.78	94	230846	48.870	ug/l	98
6) Chloroethane	2.92	64	222383	51.018	ug/l	99
7) Trichlorofluoromethane	3.25	101	172247	45.022	ug/l	99
8) Diethyl Ether	3.68	74	189905	49.888	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	398134	55.695	ug/l	100
10) Methyl Iodide	4.28	142	523298	48.517	ug/l	99
11) Tert butyl alcohol	5.16	59	149000	298.248	ug/l	99
12) 1,1-Dichloroethene	4.04	96	402054	53.707	ug/l	99
13) Acrolein	3.89	56	169239	294.818	ug/l	98
14) Allyl chloride	4.67	41	575531	50.310	ug/l	99
15) Acrylonitrile	5.36	53	516821	297.025	ug/l	99
16) Acetone	4.12	43	416901	224.487	ug/l	98
17) Carbon Disulfide	4.39	76	1195777	52.998	ug/l	98
18) Methyl Acetate	4.67	43	262389	58.501	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	485123	52.206	ug/l	97
20) Methylene Chloride	4.92	84	386271	51.565	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	403678	50.785	ug/l	97
22) Diisopropyl ether	6.31	45	1088826	50.851	ug/l	99
23) Vinyl Acetate	6.25	43	3570249	276.122	ug/l	100
24) 1,1-Dichloroethane	6.21	63	681169	50.432	ug/l	99
25) 2-Butanone	7.17	43	659075	276.539	ug/l	98
26) 2,2-Dichloropropane	7.16	77	342620	45.818	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	406721	48.696	ug/l	98
28) Bromochloromethane	7.51	49	286783	54.158	ug/l	97
29) Tetrahydrofuran	7.52	42	440409	298.285	ug/l	99
30) Chloroform	7.67	83	628626	49.770	ug/l	99
31) Cyclohexane	7.95	56	750837	53.491	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	526960	51.875	ug/l	99
36) 1,1-Dichloropropene	8.08	75	578810	55.762	ug/l	99
37) Ethyl Acetate	7.25	43	287639	61.100	ug/l	99
38) Carbon Tetrachloride	8.07	117	502987	55.855	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	775568	58.223	ug/l	98
40) Benzene	8.32	78	1530389	52.109	ug/l	100
41) Methacrylonitrile	7.48	41	154263	58.784	ug/l	97
42) 1,2-Dichloroethane	8.40	62	407982	53.531	ug/l	98
43) Isopropyl Acetate	8.42	43	515324	60.282	ug/l	98
44) Trichloroethene	9.09	130	415439	52.276	ug/l	95
45) 1,2-Dichloropropane	9.37	63	374470	51.961	ug/l	98
46) Dibromomethane	9.46	93	191476	53.819	ug/l	99
47) Bromodichloromethane	9.64	83	460038	52.374	ug/l	99
48) Methyl methacrylate	9.43	41	253153	60.653	ug/l	98
49) 1,4-Dioxane	9.44	88	81326	1222.161	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1417236	319.247	ug/l	99
52) Toluene	10.38	92	961643	52.048	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	473837	52.101	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	568654	51.161	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	277839	53.471	ug/l	98
56) Ethyl methacrylate	10.64	69	397305	58.836	ug/l	97
57) 1,3-Dichloropropane	10.93	76	492885	53.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	606460	295.295	ug/l	98
59) 2-Hexanone	10.96	43	972459	317.893	ug/l	99
60) Dibromochloromethane	11.13	129	310876	53.026	ug/l	100
61) 1,2-Dibromoethane	11.23	107	267855	54.307	ug/l	99
64) Tetrachloroethene	10.86	164	358310	53.834	ug/l	97
65) Chlorobenzene	11.66	112	970185	51.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	332694	52.462	ug/l	99
67) Ethyl Benzene	11.73	91	1791813	52.789	ug/l	99
68) m/p-Xylenes	11.84	106	1367357	105.255	ug/l	99
69) o-Xylene	12.16	106	626209	52.184	ug/l	99
70) Styrene	12.18	104	1078728	53.148	ug/l	99
71) Bromoform	12.35	173	191287	55.300	ug/l #	99
73) Isopropylbenzene	12.46	105	1787581	53.151	ug/l	100
74) N-amyl acetate	12.27	43	458374	60.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	346832	57.135	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	218936m	50.520	ug/l	
77) Bromobenzene	12.74	156	396334	50.739	ug/l	97
78) n-propylbenzene	12.80	91	2124279	53.714	ug/l	99
79) 2-Chlorotoluene	12.89	91	1149252	51.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1466429	51.930	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	110097	56.603	ug/l	96
82) 4-Chlorotoluene	12.99	91	1195623	51.134	ug/l	99
83) tert-Butylbenzene	13.20	119	1300885	52.617	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1445965	51.455	ug/l	100
85) sec-Butylbenzene	13.38	105	1862947	54.437	ug/l	99
86) p-Isopropyltoluene	13.49	119	1654434	53.039	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	768906	50.621	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	749196	49.960	ug/l	99
89) n-Butylbenzene	13.82	91	1565458	54.043	ug/l	99
90) Hexachloroethane	14.09	117	277537	50.932	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	676530	50.675	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	58144	60.485	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	467684	51.875	ug/l	99
94) Hexachlorobutadiene	15.23	225	307498	50.896	ug/l	99
95) Naphthalene	15.36	128	919320	59.791	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	419751	53.414	ug/l	100

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

