

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011320\
 Data File : VW014623.D
 Acq On : 13 Jan 2020 15:09
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/14/2020 3:06:48 PM

Quant Time: Jan 14 12:59:38 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	723310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1068815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	917299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	467703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	315519	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.88	113	314666	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.32	98	1281370	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	436798	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	194629	47.657	ug/l	99
3) Chloromethane	2.21	50	214445	42.899	ug/l	99
4) Vinyl Chloride	2.36	62	355218	48.313	ug/l	99
5) Bromomethane	2.77	94	221788	48.831	ug/l	97
6) Chloroethane	2.92	64	206759	49.332	ug/l	99
7) Trichlorofluoromethane	3.25	101	163793	44.525	ug/l	94
8) Diethyl Ether	3.68	74	185887	50.786	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	356117	51.810	ug/l	99
10) Methyl Iodide	4.27	142	520717	50.209	ug/l	100
11) Tert butyl alcohol	5.16	59	128563	265.043	ug/l	99
12) 1,1-Dichloroethene	4.04	96	369562	51.342	ug/l	97
13) Acrolein	3.89	56	120275	217.904	ug/l	99
14) Allyl chloride	4.66	41	547691	49.791	ug/l	99
15) Acrylonitrile	5.36	53	450038	268.991	ug/l	99
16) Acetone	4.11	43	476250	266.704	ug/l	98
17) Carbon Disulfide	4.39	76	1039824	47.930	ug/l	99
18) Methyl Acetate	4.67	43	227733	52.806	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	491911	55.054	ug/l	97
20) Methylene Chloride	4.92	84	398993	55.763	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	385271	50.408	ug/l	99
22) Diisopropyl ether	6.31	45	1072281	52.081	ug/l	99
23) Vinyl Acetate	6.25	43	3298478	265.309	ug/l	100
24) 1,1-Dichloroethane	6.21	63	666074	51.288	ug/l	100
25) 2-Butanone	7.17	43	622208	271.514	ug/l	100
26) 2,2-Dichloropropane	7.17	77	348912	48.526	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	413379	51.473	ug/l	100
28) Bromochloromethane	7.51	49	278020	54.604	ug/l	99
29) Tetrahydrofuran	7.52	42	377834	266.141	ug/l	99
30) Chloroform	7.67	83	627514	51.670	ug/l	99
31) Cyclohexane	7.95	56	648526	48.051	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	504652	51.667	ug/l	99
36) 1,1-Dichloropropene	8.08	75	528861	51.326	ug/l	100
37) Ethyl Acetate	7.25	43	248574	53.192	ug/l	99
38) Carbon Tetrachloride	8.06	117	467391	52.285	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	678694	51.327	ug/l	98
40) Benzene	8.32	78	1507060	51.694	ug/l	100
41) Methacrylonitrile	7.48	41	158022	60.662	ug/l	92
42) 1,2-Dichloroethane	8.40	62	396203	52.369	ug/l	99
43) Isopropyl Acetate	8.42	43	465763	54.887	ug/l	100
44) Trichloroethene	9.09	130	410194	51.998	ug/l	97
45) 1,2-Dichloropropane	9.37	63	374274	52.317	ug/l	98
46) Dibromomethane	9.46	93	186118	52.700	ug/l	99
47) Bromodichloromethane	9.64	83	463580	53.168	ug/l	99
48) Methyl methacrylate	9.43	41	224953	54.295	ug/l	98
49) 1,4-Dioxane	9.44	88	71380	1080.621	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1232554	279.697	ug/l	99
52) Toluene	10.38	92	956859	52.171	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	481150	53.296	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	589780	53.453	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	278577	54.009	ug/l	99
56) Ethyl methacrylate	10.64	69	380047	56.696	ug/l	99
57) 1,3-Dichloropropane	10.93	76	485596	53.567	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	621912	305.057	ug/l	99
59) 2-Hexanone	10.96	43	879779	289.722	ug/l	100
60) Dibromochloromethane	11.13	129	316235	54.339	ug/l	100
61) 1,2-Dibromoethane	11.23	107	262223	53.558	ug/l	99
64) Tetrachloroethene	10.86	164	359134	54.079	ug/l	96
65) Chlorobenzene	11.66	112	981619	52.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	338750	53.537	ug/l	98
67) Ethyl Benzene	11.73	91	1804204	53.273	ug/l	100
68) m/p-Xylenes	11.83	106	1378345	106.339	ug/l	100
69) o-Xylene	12.16	106	638571	53.334	ug/l	99
70) Styrene	12.18	104	1097015	54.170	ug/l	100
71) Bromoform	12.35	173	190627	55.233	ug/l #	99
73) Isopropylbenzene	12.46	105	1779607	51.857	ug/l	100
74) N-amyl acetate	12.27	43	421200	54.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	326214	52.664	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	254600m	57.575	ug/l	
77) Bromobenzene	12.74	156	412688	51.776	ug/l	99
78) n-propylbenzene	12.80	91	2104330	52.147	ug/l	100
79) 2-Chlorotoluene	12.89	91	1182773	51.504	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1500161	52.063	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	106986	53.905	ug/l	98
82) 4-Chlorotoluene	12.99	91	1222780	51.251	ug/l	99
83) tert-Butylbenzene	13.21	119	1319087	52.287	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1471416	51.315	ug/l	99
85) sec-Butylbenzene	13.38	105	1825082	52.265	ug/l	99
86) p-Isopropyltoluene	13.50	119	1675890	52.653	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	800375	51.639	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	789753	51.612	ug/l	100
89) n-Butylbenzene	13.82	91	1589688	53.783	ug/l	100
90) Hexachloroethane	14.09	117	291120	52.357	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	717255	52.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	54653	55.717	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	527162	57.304	ug/l	99
94) Hexachlorobutadiene	15.23	225	334097	54.193	ug/l	98
95) Naphthalene	15.36	128	960558	61.224	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	465245	58.020	ug/l	99

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

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