

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016404.D
 Acq On : 31 Aug 2020 11:44
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:40:14 PM

Quant Time: Sep 01 03:07:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	249733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	224383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	84603	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.88	113	82157	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.32	98	312023	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	114368	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52338	55.360	ug/l	95
3) Chloromethane	2.21	50	42242	46.445	ug/l	99
4) Vinyl Chloride	2.37	62	69943	52.762	ug/l	97
5) Bromomethane	2.78	94	51502	55.019	ug/l	99
6) Chloroethane	2.92	64	41520	52.619	ug/l	96
7) Trichlorofluoromethane	3.26	101	93647	58.429	ug/l	95
8) Diethyl Ether	3.68	74	40348	50.013	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	85909	54.914	ug/l	98
10) Methyl Iodide	4.27	142	133421	55.808	ug/l	99
11) Tert butyl alcohol	5.22	59	24467	240.660	ug/l	99
12) 1,1-Dichloroethene	4.04	96	84182	52.732	ug/l	98
13) Acrolein	3.90	56	16132	208.534	ug/l	97
14) Allyl chloride	4.67	41	104577	52.407	ug/l	98
15) Acrylonitrile	5.37	53	76104	253.368	ug/l	99
16) Acetone	4.14	43	74058	259.713	ug/l	97
17) Carbon Disulfide	4.38	76	243946	54.427	ug/l	99
18) Methyl Acetate	4.68	43	31758	48.841	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	131324	53.842	ug/l	98
20) Methylene Chloride	4.92	84	89474	49.764	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	94652	52.899	ug/l	99
22) Diisopropyl ether	6.31	45	208428	52.766	ug/l	100
23) Vinyl Acetate	6.26	43	631674	260.945	ug/l	98
24) 1,1-Dichloroethane	6.21	63	149385	52.455	ug/l	99
25) 2-Butanone	7.18	43	95643	247.210	ug/l	95
26) 2,2-Dichloropropane	7.17	77	117288	53.325	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	101601	52.410	ug/l	99
28) Bromochloromethane	7.51	49	53021	51.255	ug/l	100
29) Tetrahydrofuran	7.54	42	55788	241.551	ug/l	97
30) Chloroform	7.68	83	167897	53.073	ug/l	98
31) Cyclohexane	7.96	56	129997	49.806	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	157513	55.287	ug/l	99
36) 1,1-Dichloropropene	8.09	75	132251	55.646	ug/l	99
37) Ethyl Acetate	7.25	43	42916	53.303	ug/l	98
38) Carbon Tetrachloride	8.07	117	151357	58.119	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	166797	57.962	ug/l	98
40) Benzene	8.32	78	353531	55.562	ug/l	99
41) Methacrylonitrile	7.49	41	24180	52.160	ug/l	96
42) 1,2-Dichloroethane	8.40	62	107984	55.638	ug/l	99
43) Isopropyl Acetate	8.43	43	82357	51.257	ug/l	98
44) Trichloroethene	9.10	130	104055	54.655	ug/l	95
45) 1,2-Dichloropropane	9.37	63	79587	53.917	ug/l	98
46) Dibromomethane	9.46	93	46907	53.485	ug/l	96
47) Bromodichloromethane	9.65	83	125990	55.702	ug/l	98
48) Methyl methacrylate	9.44	41	42125	54.990	ug/l	92
49) 1,4-Dioxane	9.48	88	13582	1136.937	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	207092	260.665	ug/l	99
52) Toluene	10.39	92	238343	55.869	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	123187	56.001	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	142271	55.508	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	66977	53.564	ug/l	95
56) Ethyl methacrylate	10.65	69	79974	54.732	ug/l	99
57) 1,3-Dichloropropane	10.93	76	110648	53.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	169853	258.881	ug/l	99
59) 2-Hexanone	10.97	43	143793	265.289	ug/l	99
60) Dibromochloromethane	11.13	129	88075	55.706	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67145	54.754	ug/l	97
64) Tetrachloroethene	10.87	164	85868	55.712	ug/l	97
65) Chlorobenzene	11.66	112	256013	55.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	98677	57.669	ug/l	99
67) Ethyl Benzene	11.73	91	472988	57.331	ug/l	99
68) m/p-Xylenes	11.84	106	361521	114.775	ug/l	97
69) o-Xylene	12.17	106	164600	56.826	ug/l	97
70) Styrene	12.18	104	283773	57.484	ug/l	100
71) Bromoform	12.35	173	48909	56.173	ug/l #	97
73) Isopropylbenzene	12.46	105	473319	59.042	ug/l	100
74) N-amyl acetate	12.27	43	75670	53.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	71780	54.391	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	50882m	52.926	ug/l	
77) Bromobenzene	12.75	156	104014	55.812	ug/l	99
78) n-propylbenzene	12.80	91	554303	58.900	ug/l	99
79) 2-Chlorotoluene	12.89	91	318209	57.415	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	407410	57.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	23783	54.924	ug/l	99
82) 4-Chlorotoluene	12.99	91	331066	57.135	ug/l	99
83) tert-Butylbenzene	13.21	119	348764	59.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	410493	58.533	ug/l	100
85) sec-Butylbenzene	13.38	105	488098	59.675	ug/l	99
86) p-Isopropyltoluene	13.50	119	453565	59.400	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	204069	57.046	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	200157	55.613	ug/l	99
89) n-Butylbenzene	13.82	91	396499	56.558	ug/l	97
90) Hexachloroethane	14.09	117	83177	58.016	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	177730	55.464	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12719	53.022	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	117238	55.113	ug/l	97
94) Hexachlorobutadiene	15.24	225	70664	55.642	ug/l	96
95) Naphthalene	15.37	128	214393	54.463	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	102007	54.729	ug/l	97

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

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