

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010014.D
 Acq On : 17 Apr 2019 12:17
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:40:12 AM

Quant Time: Apr 18 02:03:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 01:42:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	402806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	642072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	592170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	300380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	244500	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.88	113	200789	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.32	98	790850	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	283448	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	155018	51.333	ug/l	100
3) Chloromethane	2.22	50	160314	52.196	ug/l	100
4) Vinyl Chloride	2.37	62	188403	52.771	ug/l	100
5) Bromomethane	2.78	94	118656	49.454	ug/l	100
6) Chloroethane	2.92	64	118035	50.600	ug/l	100
7) Trichlorofluoromethane	3.26	101	127535	51.666	ug/l	100
8) Diethyl Ether	3.68	74	97421	47.446	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	199180	49.231	ug/l	100
10) Methyl Iodide	4.27	142	290573	50.622	ug/l	100
11) Tert butyl alcohol	5.17	59	64813	229.575	ug/l	100
12) 1,1-Dichloroethene	4.03	96	200641	50.386	ug/l	100
13) Acrolein	3.89	56	72044	241.858	ug/l	100
14) Allyl chloride	4.66	41	359467	50.775	ug/l	100
15) Acrylonitrile	5.37	53	256436	242.678	ug/l	100
16) Acetone	4.12	43	277746	240.819	ug/l	100
17) Carbon Disulfide	4.38	76	610532	55.893	ug/l	100
18) Methyl Acetate	4.67	43	119527	44.778	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	260201	50.308	ug/l	100
20) Methylene Chloride	4.91	84	222681	41.967	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	223711	51.880	ug/l	100
22) Diisopropyl ether	6.31	45	726177	50.568	ug/l	100
23) Vinyl Acetate	6.25	43	2353333	260.322	ug/l	100
24) 1,1-Dichloroethane	6.21	63	418887	48.795	ug/l	100
25) 2-Butanone	7.17	43	373716	246.670	ug/l	100
26) 2,2-Dichloropropane	7.17	77	230160	48.460	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	237509	50.082	ug/l	100
28) Bromochloromethane	7.51	49	169085	48.196	ug/l	100
29) Tetrahydrofuran	7.52	42	238694	248.645	ug/l	100
30) Chloroform	7.67	83	418225	48.620	ug/l	100
31) Cyclohexane	7.95	56	397873	49.494	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	333850	49.438	ug/l	100
36) 1,1-Dichloropropene	8.08	75	338026	51.539	ug/l	100
37) Ethyl Acetate	7.25	43	165082	49.533	ug/l	100
38) Carbon Tetrachloride	8.06	117	322010	50.306	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	398733	54.026	ug/l	100
40) Benzene	8.32	78	910215	50.756	ug/l	100
41) Methacrylonitrile	7.48	41	96442	50.774	ug/l	100
42) 1,2-Dichloroethane	8.40	62	302852	49.141	ug/l	100
43) Isopropyl Acetate	8.42	43	306951	49.150	ug/l	100
44) Trichloroethene	9.09	130	227876	50.030	ug/l	100
45) 1,2-Dichloropropane	9.37	63	233693	49.577	ug/l	100
46) Dibromomethane	9.46	93	120969	49.515	ug/l	100
47) Bromodichloromethane	9.64	83	314400	49.852	ug/l	100
48) Methyl methacrylate	9.43	41	149185	49.074	ug/l	100
49) 1,4-Dioxane	9.45	88	36897	988.393	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	820089	250.718	ug/l	100
52) Toluene	10.38	92	576898	51.643	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	318694	50.969	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	366578	51.343	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	168215	49.331	ug/l	100
56) Ethyl methacrylate	10.65	69	230983	54.488	ug/l	100
57) 1,3-Dichloropropane	10.93	76	302871	49.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	602531	295.711	ug/l	100
59) 2-Hexanone	10.97	43	582220	255.702	ug/l	100
60) Dibromochloromethane	11.13	129	199998	50.746	ug/l	100
61) 1,2-Dibromoethane	11.24	107	162095	49.971	ug/l	100
64) Tetrachloroethene	10.86	164	191636	49.851	ug/l	100
65) Chlorobenzene	11.66	112	585118	48.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	215566	49.735	ug/l	100
67) Ethyl Benzene	11.73	91	1120581	51.820	ug/l	100
68) m/p-Xylenes	11.84	106	835024	103.303	ug/l	100
69) o-Xylene	12.17	106	380310	51.672	ug/l	100
70) Styrene	12.18	104	675871	53.259	ug/l	100
71) Bromoform	12.35	173	114982	50.169	ug/l	# 100
73) Isopropylbenzene	12.46	105	1075612	51.450	ug/l	100
74) N-amyl acetate	12.27	43	294691	50.901	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	200622	48.573	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	145170m	40.314	ug/l	
77) Bromobenzene	12.75	156	241762	50.283	ug/l	100
78) n-propylbenzene	12.80	91	1342560	51.816	ug/l	100
79) 2-Chlorotoluene	12.90	91	750329	50.352	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	923029	52.073	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	66059	51.812	ug/l	100
82) 4-Chlorotoluene	12.99	91	790568	50.408	ug/l	100
83) tert-Butylbenzene	13.21	119	763328	52.002	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	928623	51.672	ug/l	100
85) sec-Butylbenzene	13.38	105	1115470	50.851	ug/l	100
86) p-Isopropyltoluene	13.50	119	1016682	52.584	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	480196	49.407	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	471723	48.625	ug/l	100
89) n-Butylbenzene	13.83	91	1006590	52.549	ug/l	100
90) Hexachloroethane	14.10	117	186193	50.279	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	428949	49.222	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36302	49.113	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	291275	50.663	ug/l	100
94) Hexachlorobutadiene	15.24	225	173178	49.603	ug/l	100
95) Naphthalene	15.37	128	550308	53.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	256467	51.417	ug/l	100

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

