

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012631.D
 Acq On : 05 Sep 2019 10:37
 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

9/6/2019 12:29:06 PM

Quant Time: Sep 05 16:18:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	142915	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.88	113	111849	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.32	98	438942	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	156760	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82880	55.700	ug/l	98
3) Chloromethane	2.21	50	105896	45.936	ug/l	98
4) Vinyl Chloride	2.36	62	126593	44.866	ug/l	100
5) Bromomethane	2.78	94	69115	48.367	ug/l	100
6) Chloroethane	2.92	64	74423	46.756	ug/l	98
7) Trichlorofluoromethane	3.26	101	80169	56.584	ug/l	98
8) Diethyl Ether	3.68	74	60647	45.097	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	115847	48.104	ug/l	96
10) Methyl Iodide	4.27	142	157638	48.378	ug/l	97
11) Tert butyl alcohol	5.15	59	47449	274.464	ug/l	98
12) 1,1-Dichloroethene	4.04	96	113101	46.660	ug/l	98
13) Acrolein	3.89	56	41889	257.407	ug/l	98
14) Allyl chloride	4.67	41	257177	49.629	ug/l	97
15) Acrylonitrile	5.36	53	171850	257.810	ug/l	100
16) Acetone	4.12	43	186643	254.168	ug/l	95
17) Carbon Disulfide	4.38	76	327354	44.686	ug/l	98
18) Methyl Acetate	4.66	43	87426	48.068	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212060	54.098	ug/l	100
20) Methylene Chloride	4.91	84	130997	47.188	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	129177	49.697	ug/l	98
22) Diisopropyl ether	6.31	45	475638	49.518	ug/l	99
23) Vinyl Acetate	6.25	43	1524323	257.866	ug/l	99
24) 1,1-Dichloroethane	6.21	63	263545	50.391	ug/l	99
25) 2-Butanone	7.16	43	256285	256.833	ug/l	98
26) 2,2-Dichloropropane	7.16	77	161739	54.637	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	140513	50.596	ug/l	98
28) Bromochloromethane	7.51	49	105378	46.229	ug/l	96
29) Tetrahydrofuran	7.52	42	153612	256.585	ug/l	98
30) Chloroform	7.67	83	248969	52.032	ug/l	98
31) Cyclohexane	7.95	56	232556	44.944	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	208810	55.165	ug/l	99
36) 1,1-Dichloropropene	8.08	75	204750	54.489	ug/l	100
37) Ethyl Acetate	7.25	43	107112	52.018	ug/l	99
38) Carbon Tetrachloride	8.07	117	188989	58.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	218725	51.814	ug/l	98
40) Benzene	8.32	78	539581	52.589	ug/l	100
41) Methacrylonitrile	7.48	41	62659	51.775	ug/l	95
42) 1,2-Dichloroethane	8.40	62	181344	56.393	ug/l	100
43) Isopropyl Acetate	8.42	43	207479	54.397	ug/l	99
44) Trichloroethene	9.09	130	136995	54.924	ug/l	95
45) 1,2-Dichloropropane	9.37	63	142915	51.755	ug/l	98
46) Dibromomethane	9.46	93	66704	54.292	ug/l	97
47) Bromodichloromethane	9.64	83	182772	55.895	ug/l	96
48) Methyl methacrylate	9.43	41	100725	55.486	ug/l	96
49) 1,4-Dioxane	9.45	88	20329	1080.822	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	534459	275.497	ug/l	99
52) Toluene	10.38	92	333878	54.167	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	188349	56.548	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219069	54.471	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	95367	54.861	ug/l	98
56) Ethyl methacrylate	10.65	69	143711	56.803	ug/l	99
57) 1,3-Dichloropropane	10.93	76	179410	54.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	351086	270.388	ug/l	99
59) 2-Hexanone	10.97	43	388219	282.822	ug/l	99
60) Dibromochloromethane	11.13	129	111686	57.683	ug/l	99
61) 1,2-Dibromoethane	11.24	107	90201	55.697	ug/l	100
64) Tetrachloroethene	10.86	164	112597	55.274	ug/l	98
65) Chlorobenzene	11.66	112	333374	53.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	123531	57.233	ug/l	98
67) Ethyl Benzene	11.73	91	656521	55.086	ug/l	99
68) m/p-Xylenes	11.84	106	470665	109.634	ug/l	98
69) o-Xylene	12.16	106	219660	55.283	ug/l	100
70) Styrene	12.18	104	382335	55.592	ug/l	99
71) Bromoform	12.35	173	63969	59.486	ug/l #	100
73) Isopropylbenzene	12.46	105	628591	53.706	ug/l	99
74) N-amyl acetate	12.27	43	192527	54.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	112346	52.358	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80335m	52.808	ug/l	
77) Bromobenzene	12.74	156	138385	54.652	ug/l	95
78) n-propylbenzene	12.80	91	770538	53.927	ug/l	99
79) 2-Chlorotoluene	12.89	91	429673	52.966	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	538053	55.015	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38002	54.770	ug/l	97
82) 4-Chlorotoluene	12.99	91	456254	53.714	ug/l	100
83) tert-Butylbenzene	13.21	119	460363	55.569	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	537809	54.742	ug/l	99
85) sec-Butylbenzene	13.38	105	648729	54.657	ug/l	100
86) p-Isopropyltoluene	13.50	119	590790	55.736	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	271922	54.904	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	264899	53.867	ug/l	99
89) n-Butylbenzene	13.82	91	584669	55.467	ug/l	100
90) Hexachloroethane	14.09	117	101705	54.689	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	244336	56.236	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20784	57.456	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	169968	56.608	ug/l	99
94) Hexachlorobutadiene	15.24	225	120662	60.862	ug/l	96
95) Naphthalene	15.36	128	305817	51.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	150101	57.299	ug/l	99

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

