

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012268.D
 Acq On : 28 Aug 2019 22:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 9:41:39 AM

Quant Time: Aug 29 07:07:34 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	242815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	145422	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.88	113	118732	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.32	98	482139	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.61	95	170626	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	73737	49.319	ug/l	94
3) Chloromethane	2.21	50	115493	49.860	ug/l	98
4) Vinyl Chloride	2.36	62	139263	49.121	ug/l	99
5) Bromomethane	2.78	94	74865	52.141	ug/l	98
6) Chloroethane	2.92	64	83157	51.995	ug/l	97
7) Trichlorofluoromethane	3.26	101	73230	51.440	ug/l	100
8) Diethyl Ether	3.68	74	70625	52.266	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120324	49.725	ug/l	99
10) Methyl Iodide	4.27	142	172108	52.567	ug/l	98
11) Tert butyl alcohol	5.17	59	42308	243.560	ug/l	99
12) 1,1-Dichloroethene	4.04	96	122944	50.479	ug/l	100
13) Acrolein	3.89	56	35470	216.924	ug/l	99
14) Allyl chloride	4.67	41	273373	52.503	ug/l	100
15) Acrylonitrile	5.37	53	173118	258.475	ug/l	100
16) Acetone	4.12	43	152422	206.578	ug/l	100
17) Carbon Disulfide	4.38	76	372797	50.647	ug/l	98
18) Methyl Acetate	4.67	43	93968	51.419	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	213248	54.142	ug/l	99
20) Methylene Chloride	4.92	84	141366	50.681	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	133560	51.138	ug/l	95
22) Diisopropyl ether	6.31	45	514643	53.323	ug/l	98
23) Vinyl Acetate	6.25	43	1596147	268.729	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271432	51.652	ug/l	99
25) 2-Butanone	7.17	43	241122	240.486	ug/l	100
26) 2,2-Dichloropropane	7.16	77	146550	49.271	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	147137	52.729	ug/l	99
28) Bromochloromethane	7.51	49	116673	50.940	ug/l	98
29) Tetrahydrofuran	7.52	42	157434	261.716	ug/l	99
30) Chloroform	7.68	83	247186	51.414	ug/l	99
31) Cyclohexane	7.95	56	242123	46.570	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	195264	51.340	ug/l	99
36) 1,1-Dichloropropene	8.08	75	202686	49.635	ug/l	99
37) Ethyl Acetate	7.25	43	112272	50.173	ug/l	99
38) Carbon Tetrachloride	8.07	117	173730	49.154	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227232	49.533	ug/l	100
40) Benzene	8.32	78	564385	50.616	ug/l	100
41) Methacrylonitrile	7.48	41	68984	52.452	ug/l	98
42) 1,2-Dichloroethane	8.40	62	178230	51.001	ug/l	100
43) Isopropyl Acetate	8.42	43	215281	51.938	ug/l	100
44) Trichloroethene	9.09	130	137057	50.563	ug/l	99
45) 1,2-Dichloropropane	9.37	63	154691	51.548	ug/l	99
46) Dibromomethane	9.46	93	68944	51.636	ug/l	99
47) Bromodichloromethane	9.65	83	184941	52.045	ug/l	100
48) Methyl methacrylate	9.43	41	102598	52.007	ug/l	99
49) 1,4-Dioxane	9.45	88	17703	866.088	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	545499	258.746	ug/l	100
52) Toluene	10.38	92	343450	51.273	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	188911	52.190	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	228616	52.308	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98139	51.950	ug/l	99
56) Ethyl methacrylate	10.65	69	147754	53.740	ug/l	98
57) 1,3-Dichloropropane	10.93	76	185002	51.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	370726	262.726	ug/l	100
59) 2-Hexanone	10.97	43	366911	245.965	ug/l	99
60) Dibromochloromethane	11.13	129	110765	52.641	ug/l	98
61) 1,2-Dibromoethane	11.23	107	91029	51.723	ug/l	100
64) Tetrachloroethene	10.86	164	114752	51.320	ug/l	99
65) Chlorobenzene	11.66	112	345129	50.820	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	122812	51.838	ug/l	99
67) Ethyl Benzene	11.73	91	665469	50.869	ug/l	100
68) m/p-Xylenes	11.84	106	481714	102.225	ug/l	99
69) o-Xylene	12.16	106	226240	51.873	ug/l	99
70) Styrene	12.18	104	393359	52.106	ug/l	100
71) Bromoform	12.35	173	63099	53.456	ug/l #	99
73) Isopropylbenzene	12.46	105	627193	50.847	ug/l	99
74) N-amyl acetate	12.27	43	195923	52.573	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	114306	50.548	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78009m	48.657	ug/l	
77) Bromobenzene	12.74	156	137258	51.436	ug/l	99
78) n-propylbenzene	12.80	91	763097	50.676	ug/l	99
79) 2-Chlorotoluene	12.89	91	434702	50.847	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	528983	51.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37571	51.381	ug/l	98
82) 4-Chlorotoluene	12.99	91	457014	51.053	ug/l	100
83) tert-Butylbenzene	13.21	119	449947	51.535	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	528666	51.061	ug/l	100
85) sec-Butylbenzene	13.38	105	633886	50.676	ug/l	100
86) p-Isopropyltoluene	13.50	119	570938	51.110	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	265330	50.834	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	262418	50.635	ug/l	99
89) n-Butylbenzene	13.82	91	568559	51.181	ug/l	100
90) Hexachloroethane	14.09	117	100670	51.365	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	234627	51.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19104	50.112	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	165943	52.443	ug/l	100
94) Hexachlorobutadiene	15.24	225	107123	51.271	ug/l	98
95) Naphthalene	15.36	128	314438	50.585	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	147820	53.543	ug/l	99

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

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