

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012128.D
 Acq On : 23 Aug 2019 11:29
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:39:11 AM

Quant Time: Aug 26 07:16:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:02:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	284415	93.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.92%	
35) Dibromofluoromethane	7.88	113	228491	95.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.60%	
50) Toluene-d8	10.32	98	942605	96.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.94%	
62) 4-Bromofluorobenzene	12.62	95	328081	95.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	151156	95.891	ug/l	98
3) Chloromethane	2.21	50	218238	89.362	ug/l	99
4) Vinyl Chloride	2.36	62	273443	91.479	ug/l	98
5) Bromomethane	2.76	94	138783	91.677	ug/l	96
6) Chloroethane	2.92	64	156124	92.588	ug/l	96
7) Trichlorofluoromethane	3.25	101	147413	98.214	ug/l	98
8) Diethyl Ether	3.68	74	132946	93.317	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	234061	91.743	ug/l	100
10) Methyl Iodide	4.28	142	324307	93.949	ug/l	99
11) Tert butyl alcohol	5.18	59	88243	475.994	ug/l	98
12) 1,1-Dichloroethene	4.04	96	239917	93.431	ug/l	98
13) Acrolein	3.89	56	85140	493.861	ug/l	99
14) Allyl chloride	4.67	41	523664	95.390	ug/l	99
15) Acrylonitrile	5.37	53	335794	475.526	ug/l	98
16) Acetone	4.12	43	406162	522.108	ug/l	100
17) Carbon Disulfide	4.39	76	759109	97.816	ug/l	99
18) Methyl Acetate	4.67	43	177927	92.344	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	383994	92.470	ug/l	100
20) Methylene Chloride	4.92	84	253131	86.073	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	259610	94.279	ug/l	99
22) Diisopropyl ether	6.31	45	939496	92.328	ug/l	96
23) Vinyl Acetate	6.25	43	3048193	486.755	ug/l	100
24) 1,1-Dichloroethane	6.21	63	511097	92.248	ug/l	99
25) 2-Butanone	7.17	43	530606	501.938	ug/l	100
26) 2,2-Dichloropropane	7.17	77	283834	90.509	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	275071	93.497	ug/l	99
28) Bromochloromethane	7.51	49	214979	89.025	ug/l	99
29) Tetrahydrofuran	7.53	42	313230	493.879	ug/l	100
30) Chloroform	7.67	83	459353	90.621	ug/l	100
31) Cyclohexane	7.95	56	477665	87.140	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	371754	92.708	ug/l	99
36) 1,1-Dichloropropene	8.08	75	392034	94.452	ug/l	100
37) Ethyl Acetate	7.25	43	215005	94.529	ug/l	99
38) Carbon Tetrachloride	8.07	117	344205	95.813	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	446137	95.678	ug/l	100
40) Benzene	8.32	78	1063006	93.793	ug/l	99
41) Methacrylonitrile	7.48	41	130894	97.917	ug/l	97
42) 1,2-Dichloroethane	8.40	62	330777	93.123	ug/l	100
43) Isopropyl Acetate	8.42	43	414487	98.382	ug/l	100
44) Trichloroethene	9.09	130	259695	94.258	ug/l	96
45) 1,2-Dichloropropane	9.37	63	285839	93.711	ug/l	99
46) Dibromomethane	9.46	93	129193	95.196	ug/l	98
47) Bromodichloromethane	9.65	83	347440	96.193	ug/l	96
48) Methyl methacrylate	9.43	41	200952	100.216	ug/l	99
49) 1,4-Dioxane	9.45	88	42599	2050.391	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1056190	492.882	ug/l	100
52) Toluene	10.39	92	645099	94.748	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	367833	99.978	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	437414	98.464	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	180166	93.829	ug/l	99
56) Ethyl methacrylate	10.65	69	281513	100.734	ug/l	99
57) 1,3-Dichloropropane	10.93	76	346088	95.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	801363	558.730	ug/l	100
59) 2-Hexanone	10.97	43	780634	514.852	ug/l	99
60) Dibromochloromethane	11.13	129	207356	96.953	ug/l	98
61) 1,2-Dibromoethane	11.24	107	174077	97.311	ug/l	99
64) Tetrachloroethene	10.86	164	214410	94.123	ug/l	99
65) Chlorobenzene	11.66	112	639457	92.426	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	230798	95.623	ug/l	100
67) Ethyl Benzene	11.73	91	1266544	95.032	ug/l	98
68) m/p-Xylenes	11.84	106	903031	188.103	ug/l	99
69) o-Xylene	12.16	106	421446	94.851	ug/l	100
70) Styrene	12.18	104	735411	95.622	ug/l	100
71) Bromoform	12.35	173	118180	98.276	ug/l #	99
73) Isopropylbenzene	12.46	105	1183407	96.252	ug/l	99
74) N-amyl acetate	12.27	43	374860	100.915	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	214017	94.950	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	150479m	95.180	ug/l	
77) Bromobenzene	12.75	156	253446	95.286	ug/l	99
78) n-propylbenzene	12.80	91	1436135	95.682	ug/l	99
79) 2-Chlorotoluene	12.89	91	800260	93.910	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	980459	95.435	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	76497	104.956	ug/l	97
82) 4-Chlorotoluene	12.99	91	832011	93.247	ug/l	99
83) tert-Butylbenzene	13.21	119	835663	96.025	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	980637	95.023	ug/l	100
85) sec-Butylbenzene	13.38	105	1177733	94.461	ug/l	100
86) p-Isopropyltoluene	13.50	119	1055262	94.773	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	486914	93.591	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	479070	92.739	ug/l	100
89) n-Butylbenzene	13.82	91	1059345	95.672	ug/l	99
90) Hexachloroethane	14.09	117	191264	97.907	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	430366	94.295	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36442	95.903	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	304653	96.592	ug/l	99
94) Hexachlorobutadiene	15.24	225	193853	93.083	ug/l	97
95) Naphthalene	15.37	128	583395	105.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	272047	98.862	ug/l	100

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

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