

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
 Data File : VW013369.D
 Acq On : 01 Oct 2019 13:54
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 8:22:39 AM

Quant Time: Oct 02 09:06:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	366428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	522954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	217173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	53389	19.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.20%	
35) Dibromofluoromethane	7.88	113	53803	19.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.26%	
50) Toluene-d8	10.32	98	225314	19.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.00%	
62) 4-Bromofluorobenzene	12.62	95	75676	19.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	27210	19.773	ug/l	94
3) Chloromethane	2.20	50	48339	18.583	ug/l	98
4) Vinyl Chloride	2.36	62	67189	19.432	ug/l	99
5) Bromomethane	2.76	94	39750	18.699	ug/l	94
6) Chloroethane	2.91	64	37029	18.970	ug/l	93
7) Trichlorofluoromethane	3.25	101	30810	20.427	ug/l	91
8) Diethyl Ether	3.68	74	32559	19.275	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	64000	19.243	ug/l	98
10) Methyl Iodide	4.27	142	102328	19.357	ug/l	99
11) Tert butyl alcohol	5.17	59	27161m	46.550	ug/l	
12) 1,1-Dichloroethene	4.03	96	67471	19.356	ug/l	97
13) Acrolein	3.89	56	27876	116.401	ug/l	99
14) Allyl chloride	4.67	41	100254	19.672	ug/l	98
15) Acrylonitrile	5.36	53	73075	94.200	ug/l	100
16) Acetone	4.12	43	70910	78.574	ug/l	97
17) Carbon Disulfide	4.38	76	188501	19.679	ug/l	99
18) Methyl Acetate	4.67	43	37196	18.155	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	97578	19.067	ug/l	99
20) Methylene Chloride	4.92	84	81161	17.908	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	73671	20.001	ug/l	97
22) Diisopropyl ether	6.31	45	189517	19.265	ug/l	95
23) Vinyl Acetate	6.25	43	579063	98.398	ug/l	100
24) 1,1-Dichloroethane	6.21	63	118084	19.426	ug/l	96
25) 2-Butanone	7.17	43	98748	86.984	ug/l	97
26) 2,2-Dichloropropane	7.16	77	73942	17.714	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	75175	19.398	ug/l	98
28) Bromochloromethane	7.51	49	36346	17.390	ug/l	98
29) Tetrahydrofuran	7.52	42	62037	94.375	ug/l	100
30) Chloroform	7.67	83	114276	19.204	ug/l	96
31) Cyclohexane	7.95	56	127666	19.158	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	91653	19.686	ug/l	99
36) 1,1-Dichloropropene	8.08	75	97753	19.310	ug/l	98
37) Ethyl Acetate	7.25	43	43581	17.067	ug/l	99
38) Carbon Tetrachloride	8.06	117	86555	19.978	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	131417	19.787	ug/l	99
40) Benzene	8.32	78	276848	19.346	ug/l	97
41) Methacrylonitrile	7.48	41	25655	9.333	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70159	19.347	ug/l	99
43) Isopropyl Acetate	8.42	43	79557	18.984	ug/l	99
44) Trichloroethene	9.09	130	78996	19.568	ug/l	97
45) 1,2-Dichloropropane	9.37	63	64684	19.112	ug/l	95
46) Dibromomethane	9.45	93	32469	19.102	ug/l	98
47) Bromodichloromethane	9.64	83	80754	19.626	ug/l	99
48) Methyl methacrylate	9.43	41	39035	19.940	ug/l	97
49) 1,4-Dioxane	9.45	88	11281	371.748	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	206722	91.530	ug/l	99
52) Toluene	10.38	92	178280	19.520	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	81273	19.531	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	99931	19.557	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	49060	19.412	ug/l	97
56) Ethyl methacrylate	10.65	69	64082	19.268	ug/l	98
57) 1,3-Dichloropropane	10.93	76	85019	19.122	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	132020	96.218	ug/l	98
59) 2-Hexanone	10.97	43	138918	92.178	ug/l	98
60) Dibromochloromethane	11.13	129	54191	19.362	ug/l	98
61) 1,2-Dibromoethane	11.23	107	46527	18.880	ug/l	97
64) Tetrachloroethene	10.86	164	70005	19.906	ug/l	94
65) Chlorobenzene	11.66	112	183512	19.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	61973	19.836	ug/l	99
67) Ethyl Benzene	11.73	91	336349	19.954	ug/l	99
68) m/p-Xylenes	11.84	106	260979	39.988	ug/l	95
69) o-Xylene	12.16	106	121108	20.367	ug/l	98
70) Styrene	12.18	104	203324	19.912	ug/l	100
71) Bromoform	12.35	173	32592	19.172	ug/l #	99
73) Isopropylbenzene	12.46	105	330268	20.198	ug/l	99
74) N-amyl acetate	12.27	43	66902	18.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	54363	19.383	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	42370m	21.575	ug/l	
77) Bromobenzene	12.74	156	76319	19.609	ug/l	97
78) n-propylbenzene	12.80	91	382129	20.404	ug/l	96
79) 2-Chlorotoluene	12.89	91	208363	19.685	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	272377	19.789	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17537	20.830	ug/l	96
82) 4-Chlorotoluene	12.99	91	215944	19.804	ug/l	100
83) tert-Butylbenzene	13.21	119	241038	19.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	271745	19.911	ug/l	98
85) sec-Butylbenzene	13.38	105	333759	19.987	ug/l	99
86) p-Isopropyltoluene	13.50	119	314034	20.279	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	146670	19.467	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147815	19.725	ug/l	99
89) n-Butylbenzene	13.82	91	278494	19.935	ug/l	100
90) Hexachloroethane	14.09	117	50231	19.838	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	126266	19.072	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8324	19.311	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	88080	19.054	ug/l	97
94) Hexachlorobutadiene	15.24	225	60307	19.363	ug/l	99
95) Naphthalene	15.36	128	144165	18.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	78428	19.398	ug/l	98

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

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