

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005240.D
 Acq On : 10 Sep 2018 14:32
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:16 AM

Quant Time: Sep 11 03:06:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	472699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	676848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	681470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	366213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	33698	9.56	ug/l	0.00
Spiked Amount			Recovery	=	19.12%	
35) Dibromofluoromethane	7.89	113	31952	9.01	ug/l	0.00
Spiked Amount			Recovery	=	18.02%	
50) Toluene-d8	10.33	98	170700	9.53	ug/l	0.00
Spiked Amount			Recovery	=	19.06%	
62) 4-Bromofluorobenzene	12.63	95	62011	9.46	ug/l	0.00
Spiked Amount			Recovery	=	18.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	48998	12.02	ug/l	100
3) Chloromethane	2.22	50	63075	11.57	ug/l	94
4) Vinyl Chloride	2.36	62	56211	11.23	ug/l	97
5) Bromomethane	2.76	94	41262	12.12	ug/l	98
6) Chloroethane	2.92	64	31363	11.38	ug/l	95
7) Trichlorofluoromethane	3.26	101	63108	11.15	ug/l	92
8) Diethyl Ether	3.69	74	21577	10.69	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	44863	11.09	ug/l	99
10) Methyl Iodide	4.28	142	40828	9.17	ug/l	98
11) Tert butyl alcohol	5.17	59	15961	55.20	ug/l	97
12) 1,1-Dichloroethene	4.04	96	39915	10.72	ug/l	96
13) Acrolein	3.90	56	14322	51.28	ug/l	98
14) Allyl chloride	4.68	41	59848	10.46	ug/l	100
15) Acrylonitrile	5.37	53	47761	52.47	ug/l	100
16) Acetone	4.13	43	36325	55.51	ug/l	94
17) Carbon Disulfide	4.39	76	137657	10.53	ug/l	99
18) Methyl Acetate	4.68	43	20502	10.49	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	89272	10.07	ug/l	100
20) Methylene Chloride	4.92	84	66394	11.97	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	46434	10.68	ug/l	94
22) Diisopropyl ether	6.32	45	117371	10.19	ug/l #	91
23) Vinyl Acetate	6.26	43	319312	49.74	ug/l	99
24) 1,1-Dichloroethane	6.22	63	73748	10.40	ug/l	100
25) 2-Butanone	7.18	43	53450	51.78	ug/l	94
26) 2,2-Dichloropropane	7.18	77	68240	11.10	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	48061	10.33	ug/l	99
28) Bromochloromethane	7.52	49	24193	9.25	ug/l	99
29) Tetrahydrofuran	7.53	42	34712	49.90	ug/l	99
30) Chloroform	7.69	83	73804	10.37	ug/l	98
31) Cyclohexane	7.96	56	80979	10.73	ug/l #	88
32) 1,1,1-Trichloroethane	7.88	97	69789	10.86	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65646	10.59	ug/l	98
37) Ethyl Acetate	7.26	43	24472	10.38	ug/l	98
38) Carbon Tetrachloride	8.07	117	61925	10.66	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	83490	10.14	ug/l	97
40) Benzene	8.33	78	190700	10.44	ug/l	99
41) Methacrylonitrile	7.49	41	11803	9.75	ug/l #	86
42) 1,2-Dichloroethane	8.41	62	45737	10.46	ug/l	99
43) Isopropyl Acetate	8.43	43	44602	10.18	ug/l	98
44) Trichloroethene	9.10	130	52252	10.43	ug/l	100
45) 1,2-Dichloropropane	9.38	63	46506	10.59	ug/l	95
46) Dibromomethane	9.46	93	22293	10.37	ug/l	99
47) Bromodichloromethane	9.65	83	55187	10.50	ug/l	96
48) Methyl methacrylate	9.44	41	21087	9.27	ug/l	92
49) 1,4-Dioxane	9.45	88	8832	220.08	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	126793	51.44	ug/l	99
52) Toluene	10.40	92	143069	10.78	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57593	10.14	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	69563	10.22	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37507	10.94	ug/l	97
56) Ethyl methacrylate	10.65	69	42755	9.84	ug/l	97
57) 1,3-Dichloropropane	10.94	76	59733	10.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86712	45.92	ug/l	99
59) 2-Hexanone	10.98	43	92797	52.22	ug/l	96
60) Dibromochloromethane	11.13	129	39317	10.34	ug/l	98
61) 1,2-Dibromoethane	11.24	107	33473	10.65	ug/l	100
64) Tetrachloroethene	10.87	164	54760	10.83	ug/l	99
65) Chlorobenzene	11.66	112	160159	10.73	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	45762	10.27	ug/l	100
67) Ethyl Benzene	11.74	91	270425	10.40	ug/l	99
68) m/p-Xylenes	11.85	106	219957	21.00	ug/l	99
69) o-Xylene	12.18	106	101170	10.38	ug/l	100
70) Styrene	12.19	104	161283	10.14	ug/l	99
71) Bromoform	12.35	173	24768	10.25	ug/l #	97
73) Isopropylbenzene	12.47	105	270335	10.45	ug/l	99
74) N-amyl acetate	12.28	43	50074	10.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41966	10.79	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28999m	6.10	ug/l	
77) Bromobenzene	12.76	156	65052	10.67	ug/l	99
78) n-propylbenzene	12.81	91	326634	10.51	ug/l	99
79) 2-Chlorotoluene	12.90	91	190528	10.69	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229863	10.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12449	10.37	ug/l	99
82) 4-Chlorotoluene	12.99	91	196110	10.47	ug/l	99
83) tert-Butylbenzene	13.21	119	205036	10.64	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	225620	10.19	ug/l	100
85) sec-Butylbenzene	13.39	105	288401	10.41	ug/l	99
86) p-Isopropyltoluene	13.51	119	249635	10.18	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137709	10.76	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135653	10.79	ug/l	99
89) n-Butylbenzene	13.83	91	226095	9.81	ug/l	98
90) Hexachloroethane	14.10	117	40873	10.41	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	121031	10.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6976	10.79	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80751	10.15	ug/l	98
94) Hexachlorobutadiene	15.25	225	54691	10.73	ug/l	99
95) Naphthalene	15.38	128	123890	9.60	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	70312	10.27	ug/l	99

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

