

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005227.D
 Acq On : 08 Sep 2018 00:12
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:03 AM

Quant Time: Sep 08 03:39:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	460056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	681912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	691833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	371925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38404	10.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.14%	
35) Dibromofluoromethane	7.89	113	36576	9.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.68%	
50) Toluene-d8	10.33	98	180440	9.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.86%	
62) 4-Bromofluorobenzene	12.63	95	67211	10.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45483	12.31	ug/l	94
3) Chloromethane	2.21	50	62464	11.79	ug/l	100
4) Vinyl Chloride	2.36	62	53373	10.42	ug/l	97
5) Bromomethane	2.76	94	38913	11.04	ug/l	95
6) Chloroethane	2.92	64	31293	9.93	ug/l	99
7) Trichlorofluoromethane	3.26	101	55259	9.60	ug/l	98
8) Diethyl Ether	3.70	74	21091	10.05	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	39489	9.95	ug/l	99
10) Methyl Iodide	4.28	142	33753	6.69	ug/l	99
11) Tert butyl alcohol	5.17	59	15922	57.37	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	35748	9.78	ug/l	94
13) Acrolein	3.90	56	13912	55.18	ug/l	96
14) Allyl chloride	4.68	41	54723	9.59	ug/l	99
15) Acrylonitrile	5.37	53	48099	53.44	ug/l	99
16) Acetone	4.13	43	33664	45.14	ug/l	99
17) Carbon Disulfide	4.38	76	121273	9.49	ug/l	100
18) Methyl Acetate	4.68	43	21486	9.67	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89040	9.95	ug/l	95
20) Methylene Chloride	4.92	84	82205	13.18	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	42372	9.53	ug/l	96
22) Diisopropyl ether	6.32	45	118703	9.87	ug/l	99
23) Vinyl Acetate	6.26	43	311932	49.11	ug/l	99
24) 1,1-Dichloroethane	6.23	63	72675	9.70	ug/l	100
25) 2-Butanone	7.18	43	54019	42.15	ug/l	93
26) 2,2-Dichloropropane	7.17	77	58023	9.49	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	47432	9.77	ug/l	100
28) Bromochloromethane	7.52	49	27860	9.26	ug/l	99
29) Tetrahydrofuran	7.54	42	36947	54.40	ug/l	97
30) Chloroform	7.68	83	74129	9.70	ug/l	96
31) Cyclohexane	7.96	56	72750	9.83	ug/l #	86
32) 1,1,1-Trichloroethane	7.88	97	65004	9.76	ug/l	99
36) 1,1-Dichloropropene	8.09	75	59510	9.34	ug/l	99
37) Ethyl Acetate	7.27	43	26055	10.76	ug/l	99
38) Carbon Tetrachloride	8.08	117	56829	9.41	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73113	9.44	ug/l	93
40) Benzene	8.33	78	189959	9.73	ug/l	99
41) Methacrylonitrile	7.49	41	12456	8.98	ug/l	91
42) 1,2-Dichloroethane	8.41	62	47007	9.85	ug/l	98
43) Isopropyl Acetate	8.43	43	46357	10.49	ug/l	99
44) Trichloroethene	9.10	130	50719	9.64	ug/l	89
45) 1,2-Dichloropropane	9.37	63	43400	9.12	ug/l	99
46) Dibromomethane	9.46	93	20830	9.16	ug/l	98
47) Bromodichloromethane	9.65	83	51922	9.08	ug/l	95
48) Methyl methacrylate	9.45	41	21998	10.18	ug/l	93
49) 1,4-Dioxane	9.45	88	8106	216.86	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	125020	43.70	ug/l	99
52) Toluene	10.40	92	134308	10.15	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53102	9.38	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	63936	9.34	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	35249	9.96	ug/l	97
56) Ethyl methacrylate	10.65	69	42252	10.27	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58775	10.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93540	48.79	ug/l	100
59) 2-Hexanone	10.98	43	86070	44.28	ug/l	98
60) Dibromochloromethane	11.13	129	37572	9.38	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32683	10.16	ug/l	97
64) Tetrachloroethene	10.87	164	53058	9.82	ug/l	98
65) Chlorobenzene	11.66	112	151668	9.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	44355	9.46	ug/l	99
67) Ethyl Benzene	11.74	91	250632	9.68	ug/l	100
68) m/p-Xylenes	11.85	106	202679	19.57	ug/l	99
69) o-Xylene	12.17	106	94512	9.83	ug/l	98
70) Styrene	12.19	104	155337	9.81	ug/l	99
71) Bromoform	12.35	173	24062	9.59	ug/l	# 100
73) Isopropylbenzene	12.47	105	247043	9.56	ug/l	100
74) N-amyl acetate	12.28	43	48392	10.55	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41297	10.29	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29123m	10.34	ug/l	
77) Bromobenzene	12.76	156	62747	9.83	ug/l	98
78) n-propylbenzene	12.81	91	296910	9.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	179690	9.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	213531	9.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11183	9.66	ug/l	97
82) 4-Chlorotoluene	12.99	91	187782	9.77	ug/l	99
83) tert-Butylbenzene	13.21	119	176187	9.40	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	215627	9.52	ug/l	98
85) sec-Butylbenzene	13.39	105	264009	9.64	ug/l	100
86) p-Isopropyltoluene	13.51	119	228999	9.45	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131014	10.01	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129868	9.99	ug/l	98
89) n-Butylbenzene	13.83	91	205697	9.18	ug/l	99
90) Hexachloroethane	14.10	117	38340	9.48	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119010	10.39	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6816	10.74	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73304	9.59	ug/l	100
94) Hexachlorobutadiene	15.24	225	49820	10.41	ug/l	99
95) Naphthalene	15.38	128	116645	9.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67426	10.26	ug/l	100

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

