

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005401.D
 Acq On : 14 Sep 2018 23:16
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:23:48 PM

Quant Time: Sep 15 02:28:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	219629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	24354	14.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.18%	
35) Dibromofluoromethane	7.89	113	18843	10.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.98%	
50) Toluene-d8	10.33	98	87134	10.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.42%	
62) 4-Bromofluorobenzene	12.62	95	31741	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24136	12.53	ug/l	97
3) Chloromethane	2.21	50	28203	11.10	ug/l	99
4) Vinyl Chloride	2.36	62	25962	11.08	ug/l	93
5) Bromomethane	2.78	94	20054	12.54	ug/l	90
6) Chloroethane	2.92	64	15300	11.68	ug/l	99
7) Trichlorofluoromethane	3.26	101	34225	12.52	ug/l	96
8) Diethyl Ether	3.70	74	9473	10.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	19758	10.51	ug/l	99
10) Methyl Iodide	4.28	142	14278	6.86	ug/l	97
11) Tert butyl alcohol	5.26	59	9254m	68.02	ug/l	
12) 1,1-Dichloroethene	4.04	96	16996	9.85	ug/l	96
13) Acrolein	3.92	56	5499	44.00	ug/l	95
14) Allyl chloride	4.68	41	31166	11.34	ug/l	99
15) Acrylonitrile	5.38	53	21807	51.22	ug/l	99
16) Acetone	4.16	43	19724	63.23	ug/l	96
17) Carbon Disulfide	4.39	76	60237	9.97	ug/l	99
18) Methyl Acetate	4.70	43	10547	11.21	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	44504	10.54	ug/l	99
20) Methylene Chloride	4.92	84	31015	11.94	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	20788	10.26	ug/l	95
22) Diisopropyl ether	6.32	45	60867	10.99	ug/l	94
23) Vinyl Acetate	6.27	43	170601	55.08	ug/l	100
24) 1,1-Dichloroethane	6.22	63	39001	11.50	ug/l	99
25) 2-Butanone	7.19	43	28998	58.83	ug/l	99
26) 2,2-Dichloropropane	7.17	77	35540	12.07	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	22060	10.14	ug/l	98
28) Bromochloromethane	7.52	49	15484	12.41	ug/l #	100
29) Tetrahydrofuran	7.54	42	16961	51.63	ug/l	100
30) Chloroform	7.68	83	40311	11.84	ug/l	100
31) Cyclohexane	7.96	56	36840	10.50	ug/l #	85
32) 1,1,1-Trichloroethane	7.88	97	37361	12.07	ug/l	99
36) 1,1-Dichloropropene	8.09	75	31571	10.50	ug/l	97
37) Ethyl Acetate	7.26	43	12508	10.76	ug/l	98
38) Carbon Tetrachloride	8.08	117	33419	11.66	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35224	9.01	ug/l	94
40) Benzene	8.33	78	91333	10.37	ug/l	97
41) Methacrylonitrile	7.50	41	8153	13.45	ug/l	96
42) 1,2-Dichloroethane	8.41	62	30075	13.53	ug/l	100
43) Isopropyl Acetate	8.43	43	24548	11.31	ug/l	99
44) Trichloroethene	9.10	130	24117	10.08	ug/l	95
45) 1,2-Dichloropropane	9.37	63	21389	10.10	ug/l	99
46) Dibromomethane	9.46	93	11154	10.68	ug/l	98
47) Bromodichloromethane	9.65	83	29674	11.45	ug/l	99
48) Methyl methacrylate	9.45	41	11373	10.17	ug/l	92
49) 1,4-Dioxane	9.49	88	3611	190.46	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	63789	52.94	ug/l	97
52) Toluene	10.39	92	61452	9.65	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	28037	10.14	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	31896	9.73	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	16479	10.07	ug/l	98
56) Ethyl methacrylate	10.65	69	18615	8.94	ug/l	96
57) 1,3-Dichloropropane	10.94	76	27541	10.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	42375	46.61	ug/l	98
59) 2-Hexanone	10.98	43	42027	48.58	ug/l	97
60) Dibromochloromethane	11.13	129	18436	10.01	ug/l	96
61) 1,2-Dibromoethane	11.24	107	14418	9.61	ug/l	98
64) Tetrachloroethene	10.87	164	23934	10.07	ug/l	96
65) Chlorobenzene	11.66	112	70178	10.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	22050	10.45	ug/l	98
67) Ethyl Benzene	11.74	91	116602	9.56	ug/l	98
68) m/p-Xylenes	11.85	106	91589	18.74	ug/l	98
69) o-Xylene	12.17	106	41586	9.16	ug/l	99
70) Styrene	12.19	104	69148	9.31	ug/l	100
71) Bromoform	12.35	173	11542	10.13	ug/l #	97
73) Isopropylbenzene	12.47	105	114124	9.37	ug/l	99
74) N-amyl acetate	12.28	43	24010	10.15	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17747	9.74	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	15964m	11.99	ug/l	
77) Bromobenzene	12.76	156	28164	9.77	ug/l	98
78) n-propylbenzene	12.81	91	139244	9.45	ug/l	100
79) 2-Chlorotoluene	12.90	91	83819	9.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	100090	9.54	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5145	9.12	ug/l	95
82) 4-Chlorotoluene	12.99	91	89382	10.02	ug/l	99
83) tert-Butylbenzene	13.21	119	82814	9.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	102349	9.66	ug/l	99
85) sec-Butylbenzene	13.39	105	122916	9.41	ug/l	99
86) p-Isopropyltoluene	13.51	119	108669	9.38	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	58479	9.72	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	57902	9.74	ug/l	97
89) n-Butylbenzene	13.83	91	99593	9.14	ug/l	100
90) Hexachloroethane	14.10	117	18620	9.92	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	51429	9.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3721	12.01	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33369	8.93	ug/l	98
94) Hexachlorobutadiene	15.24	225	22449	9.38	ug/l	97
95) Naphthalene	15.38	128	50519	8.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	28397	8.85	ug/l	98

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

