

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005423.D
 Acq On : 17 Sep 2018 10:26
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/18/2018 12:52:03 PM

Quant Time: Sep 18 01:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	305307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	417357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132380	41.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.54%	
35) Dibromofluoromethane	7.89	113	113811	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	10.33	98	556508	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.63	95	203722	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	129719	50.04	ug/l	99
3) Chloromethane	2.22	50	168996	46.89	ug/l	99
4) Vinyl Chloride	2.36	62	162706	48.20	ug/l	98
5) Bromomethane	2.78	94	99856	48.43	ug/l	98
6) Chloroethane	2.93	64	88306	44.13	ug/l	99
7) Trichlorofluoromethane	3.27	101	204206	45.66	ug/l	100
8) Diethyl Ether	3.70	74	61953	46.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	125429	48.09	ug/l	98
10) Methyl Iodide	4.28	142	145357	44.32	ug/l	96
11) Tert butyl alcohol	5.25	59	42476	220.24	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	115182	48.76	ug/l	98
13) Acrolein	3.91	56	36349	268.32	ug/l	97
14) Allyl chloride	4.68	41	223707	50.90	ug/l	96
15) Acrylonitrile	5.39	53	137195	225.66	ug/l	99
16) Acetone	4.15	43	107297	234.31	ug/l	100
17) Carbon Disulfide	4.39	76	390240	46.90	ug/l	99
18) Methyl Acetate	4.69	43	64892	42.61	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	302904	47.23	ug/l	98
20) Methylene Chloride	4.93	84	148254	46.78	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	132973	47.14	ug/l	99
22) Diisopropyl ether	6.32	45	435715	50.43	ug/l	97
23) Vinyl Acetate	6.27	43	1228397	249.50	ug/l	100
24) 1,1-Dichloroethane	6.23	63	248736	47.44	ug/l	98
25) 2-Butanone	7.19	43	177241	232.50	ug/l	97
26) 2,2-Dichloropropane	7.18	77	239434	50.91	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	145354	47.37	ug/l	99
28) Bromochloromethane	7.52	49	92312	45.26	ug/l	95
29) Tetrahydrofuran	7.54	42	113060	232.80	ug/l	98
30) Chloroform	7.68	83	245029	45.13	ug/l	99
31) Cyclohexane	7.96	56	260248	51.45	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	235693	46.68	ug/l	99
36) 1,1-Dichloropropene	8.09	75	212608	50.41	ug/l	99
37) Ethyl Acetate	7.26	43	79783	46.52	ug/l	99
38) Carbon Tetrachloride	8.07	117	211317	48.09	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	273387	55.79	ug/l	98
40) Benzene	8.33	78	598024	48.95	ug/l	100
41) Methacrylonitrile	7.49	41	48645	47.01	ug/l	97
42) 1,2-Dichloroethane	8.41	62	165411	43.26	ug/l	98
43) Isopropyl Acetate	8.43	43	158493	47.35	ug/l	100
44) Trichloroethene	9.10	130	154308	49.07	ug/l	96
45) 1,2-Dichloropropane	9.37	63	145236	49.76	ug/l	98
46) Dibromomethane	9.46	93	65777	45.81	ug/l	100
47) Bromodichloromethane	9.65	83	184102	47.32	ug/l	99
48) Methyl methacrylate	9.45	41	80874	48.42	ug/l	98
49) 1,4-Dioxane	9.49	88	23130	966.52	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	423462	245.77	ug/l	100
52) Toluene	10.40	92	414741	50.13	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	195416	50.19	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	225714	51.20	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97531	45.70	ug/l	97
56) Ethyl methacrylate	10.65	69	136056	50.37	ug/l	97
57) 1,3-Dichloropropane	10.94	76	175663	47.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	302525	247.63	ug/l	98
59) 2-Hexanone	10.98	43	321940	274.31	ug/l	100
60) Dibromochloromethane	11.13	129	118745	46.25	ug/l	99
61) 1,2-Dibromoethane	11.24	107	90551	47.31	ug/l	99
64) Tetrachloroethene	10.87	164	149194	48.37	ug/l	95
65) Chlorobenzene	11.66	112	441010	49.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	138687	48.99	ug/l	98
67) Ethyl Benzene	11.74	91	820770	52.69	ug/l	99
68) m/p-Xylenes	11.85	106	626905	104.57	ug/l	99
69) o-Xylene	12.17	106	293194	52.52	ug/l	99
70) Styrene	12.19	104	482452	52.37	ug/l	100
71) Bromoform	12.35	173	71244	47.57	ug/l #	100
73) Isopropylbenzene	12.47	105	823273	53.46	ug/l	100
74) N-amyl acetate	12.28	43	167381	51.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	109480	48.73	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	76530m	42.39	ug/l	
77) Bromobenzene	12.76	156	178901	49.14	ug/l	98
78) n-propylbenzene	12.81	91	1003005	53.97	ug/l	100
79) 2-Chlorotoluene	12.90	91	568353	51.84	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	705704	52.52	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36496	52.44	ug/l	99
82) 4-Chlorotoluene	12.99	91	597731	51.64	ug/l	100
83) tert-Butylbenzene	13.21	119	601029	53.85	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	712852	52.25	ug/l	98
85) sec-Butylbenzene	13.39	105	876856	54.37	ug/l	99
86) p-Isopropyltoluene	13.51	119	778953	54.01	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369565	50.05	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	364056	50.07	ug/l	100
89) n-Butylbenzene	13.83	91	753605	56.12	ug/l	99
90) Hexachloroethane	14.10	117	125996	50.99	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	324216	50.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19776	45.83	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	229640	53.34	ug/l	99
94) Hexachlorobutadiene	15.25	225	148086	52.67	ug/l	99
95) Naphthalene	15.38	128	371589	51.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	192895	51.33	ug/l	99

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

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