

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005910.D
 Acq On : 08 Oct 2018 23:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:35:32 PM

Quant Time: Oct 09 07:37:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	406922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	210580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130197	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	132455	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.33	98	501244	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	189206	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	60033	44.62	ug/l	99
3) Chloromethane	2.21	50	72248	45.65	ug/l	100
4) Vinyl Chloride	2.37	62	130244	51.84	ug/l	98
5) Bromomethane	2.78	94	113788	57.38	ug/l	98
6) Chloroethane	2.93	64	87457	54.63	ug/l	99
7) Trichlorofluoromethane	3.26	101	102772	51.53	ug/l	96
8) Diethyl Ether	3.68	74	68248	55.60	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123748	49.17	ug/l	98
10) Methyl Iodide	4.26	142	221415	53.79	ug/l	99
11) Tert butyl alcohol	5.22	59	46463	237.86	ug/l	97
12) 1,1-Dichloroethene	4.03	96	119848	49.59	ug/l	97
13) Acrolein	3.90	56	40356	231.83	ug/l	97
14) Allyl chloride	4.66	41	195544	47.44	ug/l	98
15) Acrylonitrile	5.37	53	133268	249.49	ug/l	100
16) Acetone	4.14	43	110873	208.26	ug/l	95
17) Carbon Disulfide	4.38	76	368521	50.43	ug/l	100
18) Methyl Acetate	4.68	43	69533	51.76	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	200196	53.24	ug/l	98
20) Methylene Chloride	4.91	84	133483	50.04	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	138665	52.64	ug/l	98
22) Diisopropyl ether	6.32	45	391351	50.79	ug/l	96
23) Vinyl Acetate	6.26	43	1162465	245.13	ug/l	99
24) 1,1-Dichloroethane	6.21	63	238231	50.53	ug/l	99
25) 2-Butanone	7.18	43	174038	229.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	151383	45.62	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157610	52.91	ug/l	96
28) Bromochloromethane	7.51	49	78399	45.05	ug/l	96
29) Tetrahydrofuran	7.54	42	115413	241.11	ug/l	97
30) Chloroform	7.68	83	254400	52.53	ug/l	100
31) Cyclohexane	7.95	56	212107	45.46	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	220610	51.15	ug/l	99
36) 1,1-Dichloropropene	8.08	75	196154	50.31	ug/l	100
37) Ethyl Acetate	7.26	43	80778	48.92	ug/l	99
38) Carbon Tetrachloride	8.07	117	211760	50.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255616	49.70	ug/l	99
40) Benzene	8.32	78	556878	52.18	ug/l	100
41) Methacrylonitrile	7.49	41	53905	52.15	ug/l	94
42) 1,2-Dichloroethane	8.40	62	165558	51.35	ug/l	99
43) Isopropyl Acetate	8.43	43	174552	50.61	ug/l	99
44) Trichloroethene	9.09	130	163881	52.93	ug/l	98
45) 1,2-Dichloropropane	9.37	63	136811	51.22	ug/l	99
46) Dibromomethane	9.46	93	77091	52.51	ug/l	98
47) Bromodichloromethane	9.65	83	190053	51.44	ug/l	98
48) Methyl methacrylate	9.44	41	81730	49.74	ug/l	98
49) 1,4-Dioxane	9.48	88	24601	1103.17	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	419375	249.69	ug/l	99
52) Toluene	10.39	92	365586	52.15	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	193977	50.24	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	218518	50.35	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	106646	52.45	ug/l	99
56) Ethyl methacrylate	10.65	69	141182	51.51	ug/l	97
57) 1,3-Dichloropropane	10.93	76	179166	52.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	253113	226.97	ug/l	99
59) 2-Hexanone	10.97	43	289742	240.59	ug/l	98
60) Dibromochloromethane	11.13	129	139911	53.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	109271	53.78	ug/l	99
64) Tetrachloroethene	10.87	164	154468	55.03	ug/l	98
65) Chlorobenzene	11.66	112	421633	52.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	156397	52.86	ug/l	99
67) Ethyl Benzene	11.74	91	732908	51.41	ug/l	98
68) m/p-Xylenes	11.84	106	575213	103.24	ug/l	99
69) o-Xylene	12.17	106	277863	52.09	ug/l	99
70) Styrene	12.18	104	464136	52.44	ug/l	99
71) Bromoform	12.35	173	92991	52.77	ug/l #	99
73) Isopropylbenzene	12.47	105	766534	49.84	ug/l	100
74) N-amyl acetate	12.27	43	173615	47.53	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	125257	49.69	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78353m	41.65	ug/l	
77) Bromobenzene	12.75	156	190943	52.41	ug/l	97
78) n-propylbenzene	12.81	91	892271	49.32	ug/l	100
79) 2-Chlorotoluene	12.90	91	510052	49.94	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	652531	50.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	39858	44.73	ug/l	98
82) 4-Chlorotoluene	12.99	91	541416	50.39	ug/l	99
83) tert-Butylbenzene	13.21	119	583804	50.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	666302	50.87	ug/l	100
85) sec-Butylbenzene	13.39	105	816483	50.37	ug/l	100
86) p-Isopropyltoluene	13.51	119	739976	50.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	377025	52.08	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	373008	51.86	ug/l	99
89) n-Butylbenzene	13.83	91	675246	49.14	ug/l	100
90) Hexachloroethane	14.10	117	137523	50.16	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	338106	52.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22509	47.92	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	257095	51.59	ug/l	99
94) Hexachlorobutadiene	15.24	225	158723	51.03	ug/l	100
95) Naphthalene	15.38	128	447404	52.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	223735	51.85	ug/l	99

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

