

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003948.D
 Acq On : 16 Jul 2018 13:15
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 7/17/2018 10:11:07 AM

Quant Time: Jul 16 14:37:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	164430	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.88	113	146000	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.33	98	574802	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	208423	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	75077	54.79	ug/l	100
3) Chloromethane	2.21	50	98415	39.47	ug/l	100
4) Vinyl Chloride	2.36	62	139332	42.09	ug/l	100
5) Bromomethane	2.77	94	81947	35.84	ug/l	100
6) Chloroethane	2.92	64	77018	39.01	ug/l	100
7) Trichlorofluoromethane	3.25	101	56071	41.89	ug/l	100
8) Diethyl Ether	3.67	74	66909	47.33	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	132623	50.07	ug/l	100
10) Methyl Iodide	4.26	142	194993	49.58	ug/l	100
11) Tert butyl alcohol	5.19	59	52982	265.73	ug/l	100
12) 1,1-Dichloroethene	4.03	96	132074	50.68	ug/l	100
13) Acrolein	3.89	56	49796	204.16	ug/l	100
14) Allyl chloride	4.65	41	214199	47.82	ug/l	100
15) Acrylonitrile	5.37	53	174598	252.62	ug/l	100
16) Acetone	4.12	43	178535	280.93	ug/l	100
17) Carbon Disulfide	4.37	76	415171	48.66	ug/l	100
18) Methyl Acetate	4.67	43	89646	51.68	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	261822	49.43	ug/l	100
20) Methylene Chloride	4.91	84	161702	44.76	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	145813	47.62	ug/l	100
22) Diisopropyl ether	6.31	45	456221	46.73	ug/l	100
23) Vinyl Acetate	6.26	43	1477806	246.66	ug/l	100
24) 1,1-Dichloroethane	6.21	63	270425	45.43	ug/l	100
25) 2-Butanone	7.18	43	249537	255.74	ug/l	100
26) 2,2-Dichloropropane	7.17	77	148807	45.79	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157637	46.63	ug/l	100
28) Bromochloromethane	7.51	49	106944	40.80	ug/l	100
29) Tetrahydrofuran	7.53	42	158843	254.21	ug/l	100
30) Chloroform	7.68	83	266304	44.07	ug/l	100
31) Cyclohexane	7.95	56	245026	46.44	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	207789	45.04	ug/l	100
36) 1,1-Dichloropropene	8.08	75	220358	49.26	ug/l	100
37) Ethyl Acetate	7.26	43	106912	49.39	ug/l	100
38) Carbon Tetrachloride	8.07	117	203993	48.04	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	266520	53.85	ug/l	100
40) Benzene	8.32	78	605948	47.57	ug/l	100
41) Methacrylonitrile	7.49	41	56076	45.86	ug/l	100
42) 1,2-Dichloroethane	8.40	62	185580	45.43	ug/l	100
43) Isopropyl Acetate	8.43	43	201808	49.43	ug/l	100
44) Trichloroethene	9.09	130	155667	48.30	ug/l	100
45) 1,2-Dichloropropane	9.37	63	155492	47.05	ug/l	100
46) Dibromomethane	9.46	93	81057	46.87	ug/l	100
47) Bromodichloromethane	9.65	83	199084	46.71	ug/l	100
48) Methyl methacrylate	9.44	41	99601	51.28	ug/l	100
49) 1,4-Dioxane	9.45	88	25979	1000.13	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	545960	258.97	ug/l	100
52) Toluene	10.39	92	377430	47.92	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	212046	49.69	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241395	49.96	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	113194	47.11	ug/l	100
56) Ethyl methacrylate	10.65	69	157415	53.58	ug/l	100
57) 1,3-Dichloropropane	10.93	76	199734	47.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	350693	258.23	ug/l	100
59) 2-Hexanone	10.98	43	385297	266.05	ug/l	100
60) Dibromochloromethane	11.13	129	133252	47.60	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108408	47.34	ug/l	100
64) Tetrachloroethene	10.87	164	129425	45.94	ug/l	100
65) Chlorobenzene	11.66	112	408438	48.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	144791	48.84	ug/l	100
67) Ethyl Benzene	11.74	91	738170	50.83	ug/l	100
68) m/p-Xylenes	11.84	106	564064	101.57	ug/l	100
69) o-Xylene	12.17	106	264327	51.54	ug/l	100
70) Styrene	12.18	104	446136	51.39	ug/l	100
71) Bromoform	12.35	173	83445	51.10	ug/l	100
73) Isopropylbenzene	12.47	105	728046	52.15	ug/l	100
74) N-amyl acetate	12.28	43	195608	52.10	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	140007	49.83	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	96713m	41.38	ug/l	
77) Bromobenzene	12.75	156	171251	49.49	ug/l	100
78) n-propylbenzene	12.81	91	901599	51.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	495144	49.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	617841	51.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	46787	56.11	ug/l	100
82) 4-Chlorotoluene	12.99	91	534168	49.60	ug/l	100
83) tert-Butylbenzene	13.21	119	526975	53.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	638522	51.26	ug/l	100
85) sec-Butylbenzene	13.39	105	773841	52.11	ug/l	100
86) p-Isopropyltoluene	13.51	119	686400	52.90	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	342448	48.97	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	336935	48.03	ug/l	100
89) n-Butylbenzene	13.83	91	672153	52.58	ug/l	100
90) Hexachloroethane	14.10	117	122264	49.08	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	304011	48.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24547	50.56	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	218060	51.08	ug/l	100
94) Hexachlorobutadiene	15.25	225	122618	50.02	ug/l	100
95) Naphthalene	15.38	128	418462	55.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	193619	50.84	ug/l	100

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

