

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006732.D
 Acq On : 07 Nov 2018 13:12
 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
 11/8/2018 11:03:16 AM

Quant Time: Nov 07 15:52:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	92551	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	7.88	113	101118	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.33	98	381689	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	138250	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64249	52.358	ug/l	98
3) Chloromethane	2.21	50	71919	47.368	ug/l	98
4) Vinyl Chloride	2.37	62	108565	51.210	ug/l	99
5) Bromomethane	2.79	94	92330	51.896	ug/l	99
6) Chloroethane	2.93	64	79363	53.578	ug/l	99
7) Trichlorofluoromethane	3.26	101	104171	55.644	ug/l	100
8) Diethyl Ether	3.68	74	46031	44.981	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	111526	55.788	ug/l	100
10) Methyl Iodide	4.26	142	180286	49.738	ug/l	100
11) Tert butyl alcohol	5.23	59	24380	222.381	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	101067	52.345	ug/l	97
13) Acrolein	3.90	56	25733	186.625	ug/l	100
14) Allyl chloride	4.67	41	129059	51.207	ug/l	99
15) Acrylonitrile	5.38	53	87060	237.264	ug/l	100
16) Acetone	4.14	43	92544	281.707	ug/l	100
17) Carbon Disulfide	4.37	76	290241	52.824	ug/l	99
18) Methyl Acetate	4.68	43	44106	46.691	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	134437	46.777	ug/l	99
20) Methylene Chloride	4.91	84	106992	50.290	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	114246	52.291	ug/l	98
22) Diisopropyl ether	6.31	45	261146	49.702	ug/l	98
23) Vinyl Acetate	6.26	43	711273	244.110	ug/l	99
24) 1,1-Dichloroethane	6.22	63	182882	51.357	ug/l	99
25) 2-Butanone	7.18	43	115564	246.525	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124254	57.925	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	125547	51.363	ug/l	100
28) Bromochloromethane	7.51	49	69532	49.174	ug/l	97
29) Tetrahydrofuran	7.54	42	66446	225.357	ug/l	98
30) Chloroform	7.68	83	200892	51.455	ug/l	99
31) Cyclohexane	7.96	56	165554	51.081	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	177411	53.701	ug/l	99
36) 1,1-Dichloropropene	8.09	75	160891	57.486	ug/l	100
37) Ethyl Acetate	7.26	43	46898	48.354	ug/l	98
38) Carbon Tetrachloride	8.07	117	172343	58.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	209401	58.958	ug/l	99
40) Benzene	8.32	78	449913	56.596	ug/l	99
41) Methacrylonitrile	7.49	41	31734	53.358	ug/l	96
42) 1,2-Dichloroethane	8.40	62	119786	52.542	ug/l	100
43) Isopropyl Acetate	8.43	43	96325	49.770	ug/l	99
44) Trichloroethene	9.09	130	135587	55.271	ug/l	92
45) 1,2-Dichloropropane	9.37	63	103384	55.883	ug/l	100
46) Dibromomethane	9.46	93	57106	52.511	ug/l	99
47) Bromodichloromethane	9.65	83	139225	55.136	ug/l	94
48) Methyl methacrylate	9.44	41	47206	50.624	ug/l	99
49) 1,4-Dioxane	9.48	88	16775	1054.003	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	246660	248.150	ug/l	99
52) Toluene	10.39	92	295995	55.514	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	133320	54.860	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158555	55.212	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	80324	52.056	ug/l	95
56) Ethyl methacrylate	10.65	69	88303	50.350	ug/l	98
57) 1,3-Dichloropropane	10.93	76	130492	52.080	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	197992	232.240	ug/l	100
59) 2-Hexanone	10.97	43	176588	261.568	ug/l	100
60) Dibromochloromethane	11.13	129	97281	53.212	ug/l	98
61) 1,2-Dibromoethane	11.24	107	77484	50.567	ug/l	96
64) Tetrachloroethene	10.87	164	119528	51.856	ug/l	97
65) Chlorobenzene	11.66	112	342478	56.284	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	118729	55.515	ug/l	99
67) Ethyl Benzene	11.74	91	592233	58.231	ug/l	96
68) m/p-Xylenes	11.85	106	471674	116.081	ug/l	99
69) o-Xylene	12.17	106	216524	55.973	ug/l	97
70) Styrene	12.19	104	357695	56.716	ug/l	99
71) Bromoform	12.35	173	61450	54.203	ug/l #	98
73) Isopropylbenzene	12.47	105	623791	56.145	ug/l	99
74) N-amyl acetate	12.28	43	94381	49.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	90185	51.394	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58086m	44.141	ug/l	
77) Bromobenzene	12.75	156	151580	52.694	ug/l	98
78) n-propylbenzene	12.81	91	736299	57.617	ug/l	99
79) 2-Chlorotoluene	12.90	91	399752	54.506	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	522113	55.937	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	25405	49.997	ug/l	98
82) 4-Chlorotoluene	12.99	91	429328	55.332	ug/l	99
83) tert-Butylbenzene	13.21	119	472764	56.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	533046	55.676	ug/l	98
85) sec-Butylbenzene	13.39	105	686653	58.899	ug/l	99
86) p-Isopropyltoluene	13.51	119	616297	58.098	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	312792	55.214	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	310134	55.228	ug/l	99
89) n-Butylbenzene	13.83	91	562860	59.774	ug/l	100
90) Hexachloroethane	14.10	117	101938	58.469	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	275706	54.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13439	47.198	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	203021	53.580	ug/l	100
94) Hexachlorobutadiene	15.24	225	133499	56.530	ug/l	99
95) Naphthalene	15.38	128	309753	50.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	176865	53.110	ug/l	99

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

