

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007648.D
 Acq On : 18 Dec 2018 10:24
 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
 12/19/2018 12:15:00 PM

Quant Time: Dec 19 04:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	35494	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	7.88	113	33491	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.32	98	127672	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	47486	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27156	54.433	ug/l	96
3) Chloromethane	2.21	50	17633	42.202	ug/l	96
4) Vinyl Chloride	2.37	62	24381	49.724	ug/l	98
5) Bromomethane	2.78	94	15765	47.853	ug/l	90
6) Chloroethane	2.93	64	12868	47.675	ug/l	97
7) Trichlorofluoromethane	3.26	101	25433	57.694	ug/l	94
8) Diethyl Ether	3.68	74	15334	44.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40187	55.249	ug/l	97
10) Methyl Iodide	4.26	142	61486	51.038	ug/l	97
11) Tert butyl alcohol	5.17	59	10969	201.650	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	37312	53.277	ug/l	98
13) Acrolein	3.89	56	8199	227.791	ug/l	97
14) Allyl chloride	4.66	41	49768	48.210	ug/l	95
15) Acrylonitrile	5.37	53	31390	215.814	ug/l	98
16) Acetone	4.12	43	39653	286.623	ug/l	94
17) Carbon Disulfide	4.37	76	107299	50.530	ug/l	100
18) Methyl Acetate	4.67	43	15770	41.999	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	48499	45.905	ug/l	93
20) Methylene Chloride	4.91	84	36365	47.903	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	39922	50.958	ug/l	96
22) Diisopropyl ether	6.31	45	93035	46.887	ug/l	92
23) Vinyl Acetate	6.26	43	262864	236.845	ug/l	96
24) 1,1-Dichloroethane	6.21	63	67520	50.348	ug/l	99
25) 2-Butanone	7.17	43	42570	235.701	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50638	57.054	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	42369	49.391	ug/l	97
28) Bromochloromethane	7.51	49	21438	42.499	ug/l	97
29) Tetrahydrofuran	7.53	42	23454	205.128	ug/l	97
30) Chloroform	7.68	83	74305	50.915	ug/l	97
31) Cyclohexane	7.95	56	58552	47.587	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	69321	54.165	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57047	55.199	ug/l	99
37) Ethyl Acetate	7.25	43	16892	43.946	ug/l	99
38) Carbon Tetrachloride	8.07	117	67685	60.191	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71956	57.499	ug/l	93
40) Benzene	8.32	78	152032	53.009	ug/l	100
41) Methacrylonitrile	7.48	41	9693	44.283	ug/l	92
42) 1,2-Dichloroethane	8.40	62	47195	52.384	ug/l	99
43) Isopropyl Acetate	8.43	43	34632	45.612	ug/l	97
44) Trichloroethene	9.09	130	45962	56.120	ug/l	99
45) 1,2-Dichloropropane	9.37	63	35160	52.976	ug/l	100
46) Dibromomethane	9.46	93	19822	52.591	ug/l	96
47) Bromodichloromethane	9.65	83	53621	54.237	ug/l	94
48) Methyl methacrylate	9.44	41	16852	43.216	ug/l	87
49) 1,4-Dioxane	9.45	88	6245	1021.163	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	84567	235.721	ug/l	99
52) Toluene	10.39	92	102517	55.234	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51583	53.744	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	59507	53.632	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	27218	53.060	ug/l	96
56) Ethyl methacrylate	10.65	69	31174	50.560	ug/l	98
57) 1,3-Dichloropropane	10.93	76	43985	52.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	71880	252.804	ug/l	97
59) 2-Hexanone	10.97	43	63896	267.101	ug/l	99
60) Dibromochloromethane	11.13	129	35514	54.859	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26085	51.456	ug/l	97
64) Tetrachloroethene	10.87	164	36856	51.885	ug/l	94
65) Chlorobenzene	11.66	112	112688	54.734	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	40138	55.354	ug/l	98
67) Ethyl Benzene	11.73	91	203742	57.559	ug/l	91
68) m/p-Xylenes	11.84	106	157034	114.117	ug/l	100
69) o-Xylene	12.17	106	73264	57.007	ug/l	97
70) Styrene	12.18	104	120096	57.855	ug/l	98
71) Bromoform	12.35	173	19752	53.219	ug/l #	99
73) Isopropylbenzene	12.47	105	212203	55.116	ug/l	99
74) N-amyl acetate	12.27	43	32437	46.357	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	27972	49.053	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	21643m	52.240	ug/l	
77) Bromobenzene	12.75	156	46138	54.062	ug/l	98
78) n-propylbenzene	12.81	91	249111	57.492	ug/l	100
79) 2-Chlorotoluene	12.90	91	141173	53.846	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	181384	56.068	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9424	50.248	ug/l	95
82) 4-Chlorotoluene	12.99	91	150318	54.392	ug/l	98
83) tert-Butylbenzene	13.21	119	161865	56.784	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	182776	54.904	ug/l	99
85) sec-Butylbenzene	13.39	105	225347	57.910	ug/l	96
86) p-Isopropyltoluene	13.51	119	200951	57.483	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	93139	54.738	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	91282	53.362	ug/l	97
89) n-Butylbenzene	13.83	91	186970	57.692	ug/l	98
90) Hexachloroethane	14.10	117	35876	57.677	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	81946	53.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5521	48.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57164	54.504	ug/l	95
94) Hexachlorobutadiene	15.24	225	32275	57.998	ug/l	99
95) Naphthalene	15.38	128	99087	49.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	47930	52.608	ug/l	98

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

