

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008263.D
 Acq On : 14 Jan 2019 23:39
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:08:55 PM

Quant Time: Jan 15 00:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	160878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	52385	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	51381	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.32	98	204044	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	72587	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35191m	45.293	ug/l	
3) Chloromethane	2.21	50	42402	42.066	ug/l	100
4) Vinyl Chloride	2.37	62	58693	44.614	ug/l	97
5) Bromomethane	2.78	94	50103	50.840	ug/l	98
6) Chloroethane	2.93	64	41465	41.886	ug/l	98
7) Trichlorofluoromethane	3.26	101	48227	45.091	ug/l	96
8) Diethyl Ether	3.68	74	29456	48.718	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49279	46.407	ug/l	99
10) Methyl Iodide	4.26	142	73960	47.790	ug/l	99
11) Tert butyl alcohol	5.20	59	17118	262.485	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	47983	46.025	ug/l	97
13) Acrolein	3.90	56	19550	274.597	ug/l	96
14) Allyl chloride	4.66	41	83703	44.221	ug/l	97
15) Acrylonitrile	5.37	53	61465	267.015	ug/l	99
16) Acetone	4.13	43	46473	240.864	ug/l	92
17) Carbon Disulfide	4.37	76	146314	44.926	ug/l	99
18) Methyl Acetate	4.68	43	40069	59.252	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	82229	48.516	ug/l	99
20) Methylene Chloride	4.91	84	55794	53.278	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	55953	49.387	ug/l	93
22) Diisopropyl ether	6.31	45	176751	48.962	ug/l	98
23) Vinyl Acetate	6.25	43	476934	251.553	ug/l	98
24) 1,1-Dichloroethane	6.21	63	101239	48.131	ug/l	98
25) 2-Butanone	7.17	43	75202	252.611	ug/l	99
26) 2,2-Dichloropropane	7.16	77	61031	42.823	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63173	51.107	ug/l	93
28) Bromochloromethane	7.51	49	41859	50.314	ug/l	93
29) Tetrahydrofuran	7.53	42	51651	259.738	ug/l	97
30) Chloroform	7.67	83	102006	50.949	ug/l	100
31) Cyclohexane	7.95	56	93099	41.346	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	84507	48.510	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83061	50.121	ug/l	99
37) Ethyl Acetate	7.25	43	35314	53.190	ug/l	100
38) Carbon Tetrachloride	8.07	117	79816	52.621	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	99414	47.311	ug/l	93
40) Benzene	8.32	78	234326	52.132	ug/l	100
41) Methacrylonitrile	7.48	41	22757	54.261	ug/l	97
42) 1,2-Dichloroethane	8.40	62	65238	51.605	ug/l	100
43) Isopropyl Acetate	8.43	43	68715	51.765	ug/l	99
44) Trichloroethene	9.09	130	60553	52.627	ug/l	93
45) 1,2-Dichloropropane	9.37	63	58807	52.765	ug/l	98
46) Dibromomethane	9.46	93	31070	56.765	ug/l	99
47) Bromodichloromethane	9.64	83	75967	54.660	ug/l	95
48) Methyl methacrylate	9.43	41	35577	56.799	ug/l	96
49) 1,4-Dioxane	9.47	88	10060	1142.878	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	179864	279.919	ug/l	100
52) Toluene	10.39	92	152579	53.153	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	74951	51.845	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	88702	51.743	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	43042	56.010	ug/l	96
56) Ethyl methacrylate	10.65	69	53817	56.549	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76310	54.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	131138	266.760	ug/l	97
59) 2-Hexanone	10.97	43	120126	276.452	ug/l	99
60) Dibromochloromethane	11.13	129	51574	61.116	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41685	57.167	ug/l	100
64) Tetrachloroethene	10.86	164	51542	52.918	ug/l	98
65) Chlorobenzene	11.66	112	162807	51.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56479	54.766	ug/l	99
67) Ethyl Benzene	11.73	91	290405	50.056	ug/l	99
68) m/p-Xylenes	11.84	106	227604	102.784	ug/l	96
69) o-Xylene	12.17	106	106622	51.995	ug/l	96
70) Styrene	12.18	104	174688	54.388	ug/l	98
71) Bromoform	12.35	173	28952	62.727	ug/l #	96
73) Isopropylbenzene	12.47	105	287669	49.448	ug/l	100
74) N-amyl acetate	12.27	43	64768	50.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	51169	54.950	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37476m	55.478	ug/l	
77) Bromobenzene	12.75	156	65910	53.618	ug/l	90
78) n-propylbenzene	12.81	91	344348	48.308	ug/l	98
79) 2-Chlorotoluene	12.90	91	193902	48.757	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	236712	49.514	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15447	53.251	ug/l	95
82) 4-Chlorotoluene	12.99	91	202413	48.326	ug/l	97
83) tert-Butylbenzene	13.21	119	210884	49.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	244342	49.555	ug/l	99
85) sec-Butylbenzene	13.39	105	293428	47.362	ug/l	98
86) p-Isopropyltoluene	13.51	119	256343	47.914	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126892	50.888	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	128700	51.443	ug/l	97
89) n-Butylbenzene	13.83	91	251762	48.047	ug/l	99
90) Hexachloroethane	14.10	117	47473	52.534	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	116599	53.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8196	54.691	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77713	53.412	ug/l	97
94) Hexachlorobutadiene	15.24	225	42522	54.603	ug/l	99
95) Naphthalene	15.38	128	149265	54.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	68295	55.062	ug/l	98

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

