

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008261.D
 Acq On : 14 Jan 2019 21:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:08:50 PM

Quant Time: Jan 14 22:36:23 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	95724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	158038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51697	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.88	113	51833	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
50) Toluene-d8	10.32	98	201833	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	70685	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38572	49.373	ug/l	99
3) Chloromethane	2.21	50	45714	45.103	ug/l	93
4) Vinyl Chloride	2.37	62	60444	45.694	ug/l	97
5) Bromomethane	2.78	94	51145	51.613	ug/l	93
6) Chloroethane	2.92	64	40599	40.787	ug/l	99
7) Trichlorofluoromethane	3.26	101	49526	46.053	ug/l	94
8) Diethyl Ether	3.68	74	30901	50.828	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52839	49.488	ug/l	98
10) Methyl Iodide	4.26	142	81662	52.477	ug/l	100
11) Tert butyl alcohol	5.20	59	18676	287.401	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	52531	50.111	ug/l	89
13) Acrolein	3.89	56	20218	282.468	ug/l	94
14) Allyl chloride	4.67	41	92250	48.469	ug/l	99
15) Acrylonitrile	5.37	53	65248	281.898	ug/l	99
16) Acetone	4.14	43	50475	262.026	ug/l	99
17) Carbon Disulfide	4.37	76	158625	48.439	ug/l	97
18) Methyl Acetate	4.67	43	42181	62.034	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	87499	51.343	ug/l	97
20) Methylene Chloride	4.91	84	57193	54.419	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	59730	52.432	ug/l	94
22) Diisopropyl ether	6.31	45	185736	51.169	ug/l	99
23) Vinyl Acetate	6.25	43	507729	266.330	ug/l	97
24) 1,1-Dichloroethane	6.21	63	107620	50.885	ug/l	100
25) 2-Butanone	7.18	43	80544	269.075	ug/l	98
26) 2,2-Dichloropropane	7.16	77	65060	45.400	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	65058	52.343	ug/l	95
28) Bromochloromethane	7.51	49	42709	51.054	ug/l	94
29) Tetrahydrofuran	7.53	42	55162	275.875	ug/l	98
30) Chloroform	7.67	83	108298	53.796	ug/l	98
31) Cyclohexane	7.95	56	99724	44.045	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	90301	51.552	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86362	53.050	ug/l	98
37) Ethyl Acetate	7.25	43	36995	56.723	ug/l	99
38) Carbon Tetrachloride	8.07	117	82466	55.345	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104497	50.623	ug/l	95
40) Benzene	8.32	78	244623	55.401	ug/l	96
41) Methacrylonitrile	7.49	41	24189	58.712	ug/l	95
42) 1,2-Dichloroethane	8.40	62	68851	55.441	ug/l	100
43) Isopropyl Acetate	8.42	43	75591	57.968	ug/l	97
44) Trichloroethene	9.09	130	64364	56.944	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60643	55.390	ug/l	94
46) Dibromomethane	9.46	93	32182	59.853	ug/l	94
47) Bromodichloromethane	9.65	83	78640	57.600	ug/l	95
48) Methyl methacrylate	9.43	41	35327	57.413	ug/l	91
49) 1,4-Dioxane	9.47	88	10544	1219.389	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	190117	301.193	ug/l	100
52) Toluene	10.39	92	156339	55.442	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	80186	56.463	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	93298	55.402	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	46105	61.074	ug/l	95
56) Ethyl methacrylate	10.65	69	57085	61.061	ug/l	98
57) 1,3-Dichloropropane	10.93	76	80038	57.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	136547	282.755	ug/l	96
59) 2-Hexanone	10.97	43	128342	300.668	ug/l	98
60) Dibromochloromethane	11.13	129	52703	63.576	ug/l	95
61) 1,2-Dibromoethane	11.24	107	44510	62.138	ug/l	100
64) Tetrachloroethene	10.86	164	54209	57.047	ug/l	97
65) Chlorobenzene	11.66	112	171084	55.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58189	57.834	ug/l	99
67) Ethyl Benzene	11.73	91	300688	53.124	ug/l	98
68) m/p-Xylenes	11.84	106	234441	108.518	ug/l	96
69) o-Xylene	12.17	106	110845	55.405	ug/l	96
70) Styrene	12.18	104	179248	57.202	ug/l	99
71) Bromoform	12.35	173	30720	68.221	ug/l #	95
73) Isopropylbenzene	12.47	105	298543	51.908	ug/l	100
74) N-amyl acetate	12.27	43	69408	54.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	53204	57.794	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37744m	56.518	ug/l	
77) Bromobenzene	12.75	156	69602	57.274	ug/l	89
78) n-propylbenzene	12.80	91	356306	50.561	ug/l	99
79) 2-Chlorotoluene	12.90	91	199379	50.712	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	245561	51.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16105	56.159	ug/l	99
82) 4-Chlorotoluene	12.99	91	206600	49.894	ug/l	96
83) tert-Butylbenzene	13.21	119	215400	51.516	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	243601	49.974	ug/l	97
85) sec-Butylbenzene	13.39	105	302200	49.340	ug/l	98
86) p-Isopropyltoluene	13.50	119	273850	51.776	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	135367	54.912	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	131639	53.224	ug/l	97
89) n-Butylbenzene	13.83	91	259336	50.063	ug/l	98
90) Hexachloroethane	14.10	117	48729	54.546	ug/l	89
91) 1,2-Dichlorobenzene	13.87	146	120493	55.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8476	57.211	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	81266	56.498	ug/l	94
94) Hexachlorobutadiene	15.24	225	44527	57.836	ug/l	100
95) Naphthalene	15.37	128	155811	58.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70377	57.395	ug/l	97

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

