

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010219\
 Data File : VW008009.D
 Acq On : 02 Jan 2019 15:02
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 10:55:37 AM

Quant Time: Jan 03 05:01:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	103231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	108867	150.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.90%	
35) Dibromofluoromethane	7.88	113	97184	149.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.68%	
50) Toluene-d8	10.32	98	363701	148.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.96%	
62) 4-Bromofluorobenzene	12.62	95	139889	149.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	101683	166.934	ug/l	96
3) Chloromethane	2.22	50	71390	160.283	ug/l	100
4) Vinyl Chloride	2.37	62	86568	150.489	ug/l	96
5) Bromomethane	2.78	94	55742	152.522	ug/l	90
6) Chloroethane	2.93	64	46326	157.564	ug/l	95
7) Trichlorofluoromethane	3.26	101	98102	169.891	ug/l	100
8) Diethyl Ether	3.68	74	44388	149.662	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	104357	152.075	ug/l	98
10) Methyl Iodide	4.26	142	168513	152.639	ug/l	100
11) Tert butyl alcohol	5.18	59	33954	722.235	ug/l	100
12) 1,1-Dichloroethene	4.03	96	100543	153.069	ug/l	95
13) Acrolein	3.89	56	24885	781.241	ug/l	99
14) Allyl chloride	4.67	41	135102	151.822	ug/l	98
15) Acrylonitrile	5.37	53	84076	770.736	ug/l	99
16) Acetone	4.12	43	81635	728.788	ug/l	99
17) Carbon Disulfide	4.37	76	310022	154.513	ug/l	99
18) Methyl Acetate	4.67	43	46678	160.685	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	154420	149.385	ug/l	99
20) Methylene Chloride	4.91	84	101191	130.976	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	105169	147.160	ug/l	94
22) Diisopropyl ether	6.31	45	240402	150.511	ug/l	97
23) Vinyl Acetate	6.26	43	689478	771.526	ug/l	98
24) 1,1-Dichloroethane	6.21	63	176945	149.100	ug/l	99
25) 2-Butanone	7.17	43	98616	747.219	ug/l	99
26) 2,2-Dichloropropane	7.16	77	137460	140.588	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	114547	150.470	ug/l	96
28) Bromochloromethane	7.51	49	55465	145.410	ug/l	98
29) Tetrahydrofuran	7.53	42	63087	769.561	ug/l	98
30) Chloroform	7.68	83	197219	148.280	ug/l	98
31) Cyclohexane	7.96	56	154001	139.227	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	191614	150.559	ug/l	100
36) 1,1-Dichloropropene	8.08	75	150549	147.839	ug/l	99
37) Ethyl Acetate	7.25	43	46239	151.165	ug/l	98
38) Carbon Tetrachloride	8.07	117	185067	151.644	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190376	149.980	ug/l	99
40) Benzene	8.32	78	393235	146.377	ug/l	100
41) Methacrylonitrile	7.48	41	28156	149.395	ug/l	92
42) 1,2-Dichloroethane	8.40	62	133685	149.354	ug/l	100
43) Isopropyl Acetate	8.43	43	96229	157.448	ug/l	99
44) Trichloroethene	9.09	130	116871	147.424	ug/l	96
45) 1,2-Dichloropropane	9.37	63	87186	149.936	ug/l	100
46) Dibromomethane	9.46	93	50434	148.347	ug/l	97
47) Bromodichloromethane	9.65	83	144115	151.345	ug/l	96
48) Methyl methacrylate	9.44	41	48236	156.527	ug/l	99
49) 1,4-Dioxane	9.45	88	16227	3225.323	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	213940	756.215	ug/l	100
52) Toluene	10.39	92	258197	145.584	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	136550	149.130	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	156632	153.298	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	66237	143.898	ug/l	99
56) Ethyl methacrylate	10.65	69	80129	153.982	ug/l	98
57) 1,3-Dichloropropane	10.93	76	116005	148.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	178205	722.079	ug/l	99
59) 2-Hexanone	10.97	43	149121	763.517	ug/l	99
60) Dibromochloromethane	11.13	129	96757	153.563	ug/l	99
61) 1,2-Dibromoethane	11.24	107	70521	153.093	ug/l	98
64) Tetrachloroethene	10.87	164	93787	143.204	ug/l	93
65) Chlorobenzene	11.66	112	300047	148.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	107800	146.907	ug/l	99
67) Ethyl Benzene	11.73	91	535328	148.841	ug/l	99
68) m/p-Xylenes	11.84	106	406540	292.372	ug/l	98
69) o-Xylene	12.17	106	191434	147.957	ug/l	99
70) Styrene	12.18	104	314483	149.126	ug/l	99
71) Bromoform	12.35	173	53223	156.553	ug/l #	98
73) Isopropylbenzene	12.47	105	549359	152.968	ug/l	99
74) N-amyl acetate	12.27	43	89718	160.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	69623	152.363	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	46695m	74.224	ug/l	
77) Bromobenzene	12.75	156	118382	153.361	ug/l	98
78) n-propylbenzene	12.81	91	628486	150.939	ug/l	99
79) 2-Chlorotoluene	12.90	91	365585	151.914	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	466855	151.021	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	25023	164.696	ug/l	99
82) 4-Chlorotoluene	12.99	91	386497	151.039	ug/l	99
83) tert-Butylbenzene	13.21	119	404414	149.528	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	461075	147.253	ug/l	100
85) sec-Butylbenzene	13.39	105	551545	148.243	ug/l	99
86) p-Isopropyltoluene	13.51	119	496954	148.082	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	225715	144.921	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	225058	145.955	ug/l	99
89) n-Butylbenzene	13.83	91	456333	148.662	ug/l	100
90) Hexachloroethane	14.10	117	87335	149.979	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	200071	146.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14933	161.013	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	142845	148.601	ug/l	98
94) Hexachlorobutadiene	15.24	225	82586	148.795	ug/l	98
95) Naphthalene	15.38	128	262638	160.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	122425	154.781	ug/l	99

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

