

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006638.D
 Acq On : 05 Nov 2018 16:06
 Operator : SY/AP
 Sample : J5696-02MS
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MS

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:15:20 AM

Quant Time: Nov 06 02:35:11 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	174340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	246438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	86873	57.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.94%	
35) Dibromofluoromethane	7.89	113	94108	60.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.70%	
50) Toluene-d8	10.33	98	298050	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	74630	34.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55818	61.761	ug/l	96
3) Chloromethane	2.21	50	64673	57.835	ug/l	100
4) Vinyl Chloride	2.37	62	94077	60.252	ug/l	98
5) Bromomethane	2.79	94	78785	60.125	ug/l	99
6) Chloroethane	2.93	64	66974	61.390	ug/l	98
7) Trichlorofluoromethane	3.26	101	81040	58.775	ug/l	97
8) Diethyl Ether	3.68	74	44461	58.990	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	76192	51.749	ug/l	99
10) Methyl Iodide	4.27	142	138710	51.959	ug/l	99
11) Tert butyl alcohol	5.21	59	22296	276.131	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	79982	56.244	ug/l	96
13) Acrolein	3.90	56	3126	30.782	ug/l	99
14) Allyl chloride	4.67	41	82374	44.377	ug/l	99
15) Acrylonitrile	5.37	53	74854	276.982	ug/l	98
16) Acetone	4.14	43	53463	220.966	ug/l	98
17) Carbon Disulfide	4.38	76	160577	39.681	ug/l	99
18) Methyl Acetate	4.68	43	74798	107.509	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	133763	63.193	ug/l	100
20) Methylene Chloride	4.92	84	97354	63.728	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	82591	51.327	ug/l	97
22) Diisopropyl ether	6.31	45	244133	63.087	ug/l	97
23) Vinyl Acetate	6.32	43	185944m	86.647	ug/l	
24) 1,1-Dichloroethane	6.22	63	159452	60.797	ug/l	100
25) 2-Butanone	7.18	43	74767	216.556	ug/l	99
26) 2,2-Dichloropropane	7.17	77	94510	59.821	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	95068	52.809	ug/l	99
28) Bromochloromethane	7.51	49	57349	55.068	ug/l	99
29) Tetrahydrofuran	7.54	42	62732	288.878	ug/l	99
30) Chloroform	7.68	83	167724	58.329	ug/l	98
31) Cyclohexane	7.96	56	86717	36.328	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	139414	57.297	ug/l	99
36) 1,1-Dichloropropene	8.09	75	106750	49.257	ug/l	100
37) Ethyl Acetate	7.26	43	19774	26.329	ug/l #	79
38) Carbon Tetrachloride	8.07	117	123097	54.359	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68419	24.878	ug/l	98
40) Benzene	8.33	78	349092	56.711	ug/l	100
41) Methacrylonitrile	7.49	41	27636	60.010	ug/l	92
42) 1,2-Dichloroethane	8.40	62	99758	56.509	ug/l	100
43) Isopropyl Acetate	8.43	43	48935	32.653	ug/l #	89
44) Trichloroethene	9.10	130	90324	47.551	ug/l	98
45) 1,2-Dichloropropane	9.37	63	83377	58.203	ug/l	99
46) Dibromomethane	9.46	93	44739	53.128	ug/l	100
47) Bromodichloromethane	9.65	83	110038	56.278	ug/l	99
48) Methyl methacrylate	9.44	41	47880	66.312	ug/l	99
49) 1,4-Dioxane	9.47	88	12888	1045.774	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	222449	289.014	ug/l	100
52) Toluene	10.39	92	195988	47.470	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	87632	46.569	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	107946	48.543	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	63169	52.870	ug/l	98
56) Ethyl methacrylate	10.65	69	39939	29.410	ug/l	98
57) 1,3-Dichloropropane	10.94	76	101650	52.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	151719	229.827	ug/l	99
59) 2-Hexanone	10.98	43	134224	256.759	ug/l	99
60) Dibromochloromethane	11.13	129	72352	51.110	ug/l	99
61) 1,2-Dibromoethane	11.24	107	56452	47.578	ug/l	99
64) Tetrachloroethene	10.87	164	65737	46.274	ug/l	97
65) Chlorobenzene	11.66	112	194819	51.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	82345	62.472	ug/l	100
67) Ethyl Benzene	11.74	91	312664	49.881	ug/l	100
68) m/p-Xylenes	11.84	106	245463	98.017	ug/l	100
69) o-Xylene	12.17	106	119532	50.137	ug/l	99
70) Styrene	12.18	104	177608	45.693	ug/l	98
71) Bromoform	12.35	173	40889	58.521	ug/l #	96
73) Isopropylbenzene	12.47	105	262654	63.573	ug/l	100
74) N-amyl acetate	12.28	43	20211	28.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	61238	93.845	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	47313m	96.687	ug/l	
77) Bromobenzene	12.75	156	75278	70.372	ug/l	97
78) n-propylbenzene	12.81	91	258974	54.496	ug/l	100
79) 2-Chlorotoluene	12.90	91	162927	59.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	190830	54.978	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14522	75.425	ug/l	99
82) 4-Chlorotoluene	12.99	91	168211	58.298	ug/l	100
83) tert-Butylbenzene	13.21	119	154386	49.877	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	196335	55.146	ug/l	99
85) sec-Butylbenzene	13.39	105	170813	39.401	ug/l	100
86) p-Isopropyltoluene	13.51	119	154441	39.151	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	105822	50.232	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	107629	51.541	ug/l	100
89) n-Butylbenzene	13.83	91	97175	27.751	ug/l	99
90) Hexachloroethane	14.10	117	25958	40.038	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	99258	52.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8158	77.047	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	33858	24.029	ug/l	99
94) Hexachlorobutadiene	15.24	225	10772	12.266	ug/l	98
95) Naphthalene	15.38	128	85995	37.973	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	28305	22.856	ug/l	99

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

