

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009075.D
 Acq On : 09 Mar 2019 00:24
 Operator : SY/VA
 Sample : K1785-14MSD
 Misc : 6.71G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SD2-0.5-1.0MSD

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 2:53:40 PM

Quant Time: Mar 09 04:58:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	126678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40747	40.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.92%	
35) Dibromofluoromethane	7.88	113	35561	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
50) Toluene-d8	10.32	98	158267	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.62	95	55530	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43981	44.136	ug/l	99
3) Chloromethane	2.21	50	54087	42.726	ug/l	99
4) Vinyl Chloride	2.36	62	58926	45.868	ug/l	98
5) Bromomethane	2.77	94	48230	44.475	ug/l	98
6) Chloroethane	2.92	64	41614	45.501	ug/l	97
7) Trichlorofluoromethane	3.26	101	78812	47.646	ug/l	91
8) Diethyl Ether	3.69	74	20344	40.224	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47546	46.152	ug/l	99
10) Methyl Iodide	4.28	142	23024	22.477	ug/l	98
11) Tert butyl alcohol	5.17	59	15673	205.595	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	41085	46.233	ug/l	91
13) Acrolein	3.89	56	5437	64.814	ug/l #	80
14) Allyl chloride	4.67	41	67100	42.806	ug/l	100
15) Acrylonitrile	5.37	53	46248	209.510	ug/l	98
16) Acetone	4.12	43	38476	171.395	ug/l	97
17) Carbon Disulfide	4.38	76	128821	43.085	ug/l	95
18) Methyl Acetate	4.67	43	57266	110.935	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	94025	39.998	ug/l	94
20) Methylene Chloride	4.92	84	46358	43.156	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	46675	45.488	ug/l	93
22) Diisopropyl ether	6.31	45	132262	42.458	ug/l	98
23) Vinyl Acetate	6.26	43	89389	46.112	ug/l	99
24) 1,1-Dichloroethane	6.21	63	80428	44.513	ug/l	99
25) 2-Butanone	7.17	43	58944	189.991	ug/l	100
26) 2,2-Dichloropropane	7.17	77	68868	41.932	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47025	42.672	ug/l	99
28) Bromochloromethane	7.51	49	34199	45.505	ug/l	98
29) Tetrahydrofuran	7.53	42	41566	212.604	ug/l	97
30) Chloroform	7.68	83	82890	44.560	ug/l	96
31) Cyclohexane	7.95	56	72615	39.141	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	81780	47.638	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69123	49.176	ug/l	98
37) Ethyl Acetate	7.25	43	18233	27.616	ug/l #	89
38) Carbon Tetrachloride	8.07	117	73461	50.606	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73111	43.669	ug/l	97
40) Benzene	8.32	78	187099	49.864	ug/l	100
41) Methacrylonitrile	7.48	41	13098	35.725	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	55031	45.429	ug/l	100
43) Isopropyl Acetate	8.43	43	41769	33.968	ug/l	94
44) Trichloroethene	9.09	130	51521	48.990	ug/l	91
45) 1,2-Dichloropropane	9.37	63	44471	47.321	ug/l	96
46) Dibromomethane	9.46	93	23840	46.450	ug/l	100
47) Bromodichloromethane	9.65	83	59790	46.020	ug/l	99
48) Methyl methacrylate	9.43	41	29706	51.881	ug/l	92
49) 1,4-Dioxane	9.44	88	8240	1121.162	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	149554	239.569	ug/l	100
52) Toluene	10.38	92	123833	48.663	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	54843	42.681	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	62207	42.128	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33159	47.667	ug/l	96
56) Ethyl methacrylate	10.65	69	29191	33.811	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56792	46.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	111519	249.167	ug/l	99
59) 2-Hexanone	10.97	43	98707	224.892	ug/l	98
60) Dibromochloromethane	11.13	129	39681	46.093	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32444	47.575	ug/l	100
64) Tetrachloroethene	10.86	164	50349	55.114	ug/l	96
65) Chlorobenzene	11.66	112	131675	47.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45809	49.757	ug/l	99
67) Ethyl Benzene	11.73	91	232087	46.593	ug/l	99
68) m/p-Xylenes	11.84	106	182097	92.616	ug/l	98
69) o-Xylene	12.17	106	83103	45.426	ug/l	98
70) Styrene	12.18	104	128813	43.519	ug/l	99
71) Bromoform	12.35	173	23178	46.887	ug/l #	100
73) Isopropylbenzene	12.46	105	234758	51.951	ug/l	99
74) N-amyl acetate	12.27	43	27113	25.345	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	40287	56.519	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27904m	55.969	ug/l	
77) Bromobenzene	12.75	156	54916	53.188	ug/l	96
78) n-propylbenzene	12.80	91	274427	49.304	ug/l	99
79) 2-Chlorotoluene	12.90	91	153807	49.183	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	180861	46.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10420	46.748	ug/l	99
82) 4-Chlorotoluene	12.99	91	158545	47.560	ug/l	97
83) tert-Butylbenzene	13.21	119	161373	49.123	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	184087	46.719	ug/l	99
85) sec-Butylbenzene	13.39	105	231492	47.561	ug/l	100
86) p-Isopropyltoluene	13.50	119	194763	44.730	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102892	47.419	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	100028	46.647	ug/l	98
89) n-Butylbenzene	13.83	91	171257	41.373	ug/l	99
90) Hexachloroethane	14.10	117	36800	49.004	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	91755	47.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7126	56.130	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	48322	37.375	ug/l	98
94) Hexachlorobutadiene	15.24	225	30487	37.646	ug/l	98
95) Naphthalene	15.37	128	82420	38.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	42683	37.544	ug/l	99

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

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