

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005616.D
 Acq On : 25 Sep 2018 17:27
 Operator : VA/AP
 Sample : J5066-06MSD
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MSD

Manual Integrations
 APPROVED

apatel
 9/26/2018 2:05:11 PM

Quant Time: Sep 26 12:30:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	314425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137577	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.89	113	116727	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.33	98	460894	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	418230	120.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	241.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65382	45.289	ug/l	96
3) Chloromethane	2.21	50	80399	41.949	ug/l	97
4) Vinyl Chloride	2.37	62	120593	52.639	ug/l	98
5) Bromomethane	2.79	94	75541	48.793	ug/l	100
6) Chloroethane	2.93	64	74473	50.661	ug/l	100
7) Trichlorofluoromethane	3.26	101	86431	48.237	ug/l	94
8) Diethyl Ether	3.68	74	60408	51.611	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103709	45.724	ug/l	98
10) Methyl Iodide	4.28	142	176364	50.561	ug/l	97
11) Tert butyl alcohol	5.23	59	37274	257.088	ug/l	98
12) 1,1-Dichloroethene	4.03	96	112229	51.685	ug/l	95
13) Acrolein	3.89	56	288	Below Cal	#	30
14) Allyl chloride	4.67	41	197154	52.026	ug/l	96
15) Acrylonitrile	5.38	53	128221	246.735	ug/l	99
16) Acetone	4.15	43	154848	354.632	ug/l	95
17) Carbon Disulfide	4.38	76	312156	46.010	ug/l	97
18) Methyl Acetate	4.68	43	301873	226.760	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	138738	41.394	ug/l	98
20) Methylene Chloride	4.92	84	130797	56.104	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	118222	49.708	ug/l	94
22) Diisopropyl ether	6.32	45	302000	41.052	ug/l	98
23) Vinyl Acetate	6.27	43	105235	25.028	ug/l	96
24) 1,1-Dichloroethane	6.22	63	221317	48.693	ug/l	98
25) 2-Butanone	7.18	43	175825	257.738	ug/l	98
26) 2,2-Dichloropropane	7.17	77	119638	37.704	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	131025	49.948	ug/l	98
28) Bromochloromethane	7.52	49	83952	46.630	ug/l #	98
29) Tetrahydrofuran	7.54	42	120085	281.767	ug/l	99
30) Chloroform	7.68	83	222816	47.484	ug/l	99
31) Cyclohexane	7.96	56	154276	35.429	ug/l	91
32) 1,1,1-Trichloroethane	7.88	97	183722	44.321	ug/l	98
36) 1,1-Dichloropropene	8.09	75	164916	44.795	ug/l	99
37) Ethyl Acetate	7.26	43	40461	26.116	ug/l #	81
38) Carbon Tetrachloride	8.07	117	174216	44.160	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117636	27.083	ug/l	99
40) Benzene	8.33	78	484090	46.408	ug/l	97
41) Methacrylonitrile	7.49	41	43237	49.042	ug/l	94
42) 1,2-Dichloroethane	8.40	62	159429	47.737	ug/l	98
43) Isopropyl Acetate	8.43	43	121206	39.791	ug/l	97
44) Trichloroethene	9.10	130	124641	46.682	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124248	48.415	ug/l	98
46) Dibromomethane	9.46	93	61416	47.897	ug/l	98
47) Bromodichloromethane	9.65	83	165004	47.904	ug/l	98
48) Methyl methacrylate	9.44	41	92684	64.061	ug/l	97
49) 1,4-Dioxane	9.48	88	18758	920.138	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	445306	290.255	ug/l	100
52) Toluene	10.39	92	300327	46.143	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	179269	51.916	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	200795	51.900	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	108579	59.655	ug/l	98
56) Ethyl methacrylate	10.65	69	113730	50.618	ug/l	96
57) 1,3-Dichloropropane	10.94	76	171215	53.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	267473	262.611	ug/l	97
59) 2-Hexanone	10.98	43	276059m	264.877	ug/l	
60) Dibromochloromethane	11.13	129	116319	52.892	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91909	54.159	ug/l	94
64) Tetrachloroethene	10.87	164	104719	44.551	ug/l	99
65) Chlorobenzene	11.66	112	333987	47.504	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.74	131	126553	50.013	ug/l	99
67) Ethyl Benzene	11.74	91	494005	39.585	ug/l	100
68) m/p-Xylenes	11.85	106	300616	63.760	ug/l	98
69) o-Xylene	12.17	106	194017	43.939	ug/l	87
70) Styrene	12.19	104	315929	42.515	ug/l	96
71) Bromoform	12.35	173	68934	51.322	ug/l #	98
73) Isopropylbenzene	12.47	105	328204	15.052	ug/l	99
74) N-amyl acetate	12.26	43	4153629	841.259	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.71	83	556879	153.758	ug/l #	45
76) 1,2,3-Trichloropropane	12.77	75	82718m	30.862	ug/l	
77) Bromobenzene	12.76	156	132652	25.956	ug/l #	40
78) n-propylbenzene	12.81	91	362955	13.749	ug/l	89
79) 2-Chlorotoluene	12.90	91	420943	27.561	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	400752	21.137	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	36476	30.652	ug/l #	1
82) 4-Chlorotoluene	12.90	91	420943	26.085	ug/l	95
83) tert-Butylbenzene	13.21	119	811938	50.973	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	224354	11.726	ug/l	97
85) sec-Butylbenzene	13.40	105	199680	8.643	ug/l	99
86) p-Isopropyltoluene	13.51	119	314627	15.194	ug/l	95
87) 1,3-Dichlorobenzene	13.51	146	217532	20.817	ug/l #	1
88) 1,4-Dichlorobenzene	13.59	146	224877	21.637	ug/l #	1
89) n-Butylbenzene	13.83	91	84188	4.310	ug/l #	63
90) Hexachloroethane	14.11	117	837056	223.034	ug/l #	13
91) 1,2-Dichlorobenzene	13.88	146	193127	20.935	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28609	41.460	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	102225	15.534	ug/l #	1
94) Hexachlorobutadiene	15.25	225	27420	6.432	ug/l	99
95) Naphthalene	15.38	128	117055	10.575	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.57	180	91017	15.694	ug/l #	1

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

