

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005275.D
 Acq On : 11 Sep 2018 15:02
 Operator : SY/AP
 Sample : J4803-19MSD
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Manual Integrations
 APPROVED

apatel
 9/12/2018 10:29:26 AM

Quant Time: Sep 11 18:11:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	469217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	682809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	670952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	356143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	204011	58.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.58%	
35) Dibromofluoromethane	7.89	113	134792	37.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.38%	
50) Toluene-d8	10.33	98	986678	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
62) 4-Bromofluorobenzene	12.62	95	357752	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	180362	44.56	ug/l	98
3) Chloromethane	2.22	50	268804	49.67	ug/l	99
4) Vinyl Chloride	2.35	62	247401	49.80	ug/l	98
5) Bromomethane	2.75	94	167112	55.80	ug/l	99
6) Chloroethane	2.91	64	138140	50.48	ug/l	98
7) Trichlorofluoromethane	3.26	101	265382	47.22	ug/l	96
8) Diethyl Ether	3.69	74	111740	55.79	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	186053	46.35	ug/l	98
10) Methyl Iodide	4.28	142	231260	46.59	ug/l	100
11) Tert butyl alcohol	5.17	59	82062	285.93	ug/l	98
12) 1,1-Dichloroethene	4.04	96	178780	48.37	ug/l	98
13) Acrolein	3.90	56	36044	130.01	ug/l	97
14) Allyl chloride	4.68	41	286924	50.52	ug/l	99
15) Acrylonitrile	5.37	53	280790	310.75	ug/l	99
16) Acetone	4.12	43	189031	291.00	ug/l	98
17) Carbon Disulfide	4.39	76	652825	50.32	ug/l	99
18) Methyl Acetate	4.68	43	103196	53.22	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	509853	57.92	ug/l	99
20) Methylene Chloride	4.92	84	263109	54.82	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	212695	49.29	ug/l	98
22) Diisopropyl ether	6.32	45	590028	51.61	ug/l	98
24) 1,1-Dichloroethane	6.23	63	358862	50.99	ug/l	98
25) 2-Butanone	7.18	43	282990	276.18	ug/l	97
26) 2,2-Dichloropropane	7.18	77	287416	47.10	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	231367	50.10	ug/l	99
28) Bromochloromethane	7.52	49	148703	57.27	ug/l	100
29) Tetrahydrofuran	7.54	42	210904	305.43	ug/l	99
30) Chloroform	7.68	83	361975	51.25	ug/l	99
31) Cyclohexane	7.96	56	351265	46.91	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	310579	48.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	303370	48.50	ug/l	99
37) Ethyl Acetate	7.26	43	96238	40.45	ug/l	99
38) Carbon Tetrachloride	8.08	117	270694	46.19	ug/l	98
39) Methylcyclohexane	9.34	83	359912	43.33	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.33	78	948333	51.46	ug/l	100
41) Methacrylonitrile	7.49	41	75618	61.94	ug/l #	91
42) 1,2-Dichloroethane	8.41	62	233763	53.02	ug/l	99
43) Isopropyl Acetate	8.43	43	244770	55.40	ug/l	98
44) Trichloroethene	9.10	130	429291	84.91	ug/l	94
45) 1,2-Dichloropropane	9.38	63	225217	50.84	ug/l	99
46) Dibromomethane	9.46	93	112936	52.08	ug/l	99
47) Bromodichloromethane	9.65	83	271624	51.21	ug/l	96
48) Methyl methacrylate	9.44	41	107109	46.69	ug/l	92
49) 1,4-Dioxane	9.45	88	47212	1166.18	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	759469	305.43	ug/l	100
52) Toluene	10.40	92	671382	50.12	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	310307	54.13	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	358593	52.24	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	185039	53.52	ug/l	97
56) Ethyl methacrylate	10.65	69	232208	52.98	ug/l	99
57) 1,3-Dichloropropane	10.94	76	312956	54.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	564149	296.13	ug/l	99
59) 2-Hexanone	10.98	43	557407	310.95	ug/l	100
60) Dibromochloromethane	11.13	129	208850	54.44	ug/l	99
61) 1,2-Dibromoethane	11.24	107	176777	55.76	ug/l	100
64) Tetrachloroethene	10.87	164	412966	82.96	ug/l	100
65) Chlorobenzene	11.66	112	733296	49.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	225171	51.31	ug/l	100
67) Ethyl Benzene	11.74	91	1262556	49.33	ug/l	99
68) m/p-Xylenes	11.85	106	1016078	98.51	ug/l	99
69) o-Xylene	12.17	106	482114	50.24	ug/l	99
70) Stvrene	12.19	104	812242	51.87	ug/l	100
71) Bromoform	12.35	173	134366	56.47	ug/l #	98
73) Isopropylbenzene	12.47	105	1244027	49.44	ug/l	100
74) N-amyl acetate	12.28	43	219732	45.90	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	24457	6.47	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	151664m	55.37	ug/l	
77) Bromobenzene	12.76	156	309085	52.14	ug/l	97
78) n-propylbenzene	12.81	91	1463465	48.42	ug/l	99
79) 2-Chlorotoluene	12.90	91	863205	49.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1044417	48.74	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	71287	61.03	ug/l	98
82) 4-Chlorotoluene	12.99	91	905162	49.69	ug/l	100
83) tert-Butylbenzene	13.21	119	868533	46.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1073274	49.85	ug/l	98
85) sec-Butylbenzene	13.39	105	1195939	44.41	ug/l	99
86) p-Isopropyltoluene	13.51	119	1072258	44.97	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	603893	48.51	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	601399	49.19	ug/l	99
89) n-Butylbenzene	13.83	91	916415	40.89	ug/l	98
90) Hexachloroethane	14.10	117	166671	43.63	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	556655	50.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39018	62.04	ug/l	97
93) 1,2,4-Trichlorobenzene	15.15	180	328714	42.47	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.25	225	134145	27.07	ug/l	99
95) Naphthalene	15.38	128	700373	55.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	295036	44.30	ug/l	99

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

