

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004149.D
 Acq On : 23 Jul 2018 20:23
 Operator : SY/AP
 Sample : J4026-07MSD
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MSD

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:49:55 AM

Quant Time: Jul 24 05:49:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	354466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138370	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.88	113	119326	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.33	98	461471	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.62	95	160614	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56638m	45.39	ug/l	
3) Chloromethane	2.21	50	80662	49.12	ug/l	98
4) Vinyl Chloride	2.36	62	116698	51.66	ug/l	99
5) Bromomethane	2.77	94	67047	47.49	ug/l	95
6) Chloroethane	2.92	64	62318	48.56	ug/l	96
7) Trichlorofluoromethane	3.25	101	46506	49.04	ug/l	90
8) Diethyl Ether	3.67	74	64856	58.92	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	113906	52.05	ug/l	99
10) Methyl Iodide	4.26	142	162270	51.63	ug/l	99
11) Tert butyl alcohol	5.20	59	48350	282.01	ug/l	99
12) 1,1-Dichloroethene	4.03	96	115508	53.49	ug/l	98
13) Acrolein	3.89	56	28829	163.65	ug/l	97
14) Allyl chloride	4.66	41	188506	52.89	ug/l	98
15) Acrylonitrile	5.37	53	171490	304.02	ug/l	100
16) Acetone	4.13	43	183744	307.89	ug/l	99
17) Carbon Disulfide	4.37	76	362412	53.77	ug/l	98
18) Methyl Acetate	4.67	43	133905	93.47	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	254447	61.49	ug/l	99
20) Methylene Chloride	4.91	84	140253	53.83	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	128914	54.47	ug/l	96
22) Diisopropyl ether	6.31	45	429645	59.65	ug/l	96
23) Vinyl Acetate	6.26	43	885876	194.10	ug/l	100
24) 1,1-Dichloroethane	6.21	63	247290	56.26	ug/l	99
25) 2-Butanone	7.18	43	248163	309.00	ug/l	100
26) 2,2-Dichloropropane	7.17	77	117073	46.40	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	139371	54.47	ug/l	98
28) Bromochloromethane	7.51	49	97779	54.36	ug/l	97
29) Tetrahydrofuran	7.54	42	159205	318.25	ug/l	98
30) Chloroform	7.68	83	246880	56.47	ug/l	100
31) Cyclohexane	7.96	56	202740	49.21	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	182878	53.57	ug/l	99
36) 1,1-Dichloropropene	8.08	75	191828	52.60	ug/l	100
37) Ethyl Acetate	7.26	43	97869	55.64	ug/l	99
38) Carbon Tetrachloride	8.07	117	171691	50.38	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	189215	44.30	ug/l	96
40) Benzene	8.32	78	550073	54.37	ug/l	98
41) Methacrylonitrile	7.49	41	60735	62.31	ug/l	90
42) 1,2-Dichloroethane	8.40	62	171564	55.58	ug/l	100
43) Isopropyl Acetate	8.43	43	190131	57.79	ug/l	100
44) Trichloroethene	9.09	130	140664	53.63	ug/l	100
45) 1,2-Dichloropropane	9.37	63	145385	56.30	ug/l	99
46) Dibromomethane	9.46	93	76376	57.00	ug/l	99
47) Bromodichloromethane	9.65	83	182489	55.24	ug/l	98
48) Methyl methacrylate	9.44	41	99025	62.24	ug/l	98
49) 1,4-Dioxane	9.46	88	25209	1223.84	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	545585	311.26	ug/l	100
52) Toluene	10.39	92	337165	53.89	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	183507	53.12	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	206622	52.29	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	107957	57.28	ug/l	99
56) Ethyl methacrylate	10.65	69	142213	52.59	ug/l	99
57) 1,3-Dichloropropane	10.93	76	188527	57.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	322113	288.10	ug/l	99
59) 2-Hexanone	10.98	43	385705	312.21	ug/l	100
60) Dibromochloromethane	11.13	129	124101	56.54	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103577	57.76	ug/l	99
64) Tetrachloroethene	10.87	164	152314	67.54	ug/l	98
65) Chlorobenzene	11.66	112	361637	51.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	130129	53.58	ug/l	99
67) Ethyl Benzene	11.74	91	635247	51.74	ug/l	99
68) m/p-Xylenes	11.84	106	482943	102.92	ug/l	99
69) o-Xylene	12.17	106	227859	52.35	ug/l	100
70) Styrene	12.19	104	383372	52.73	ug/l	100
71) Bromoform	12.35	173	76821	56.02	ug/l #	99
73) Isopropylbenzene	12.47	105	590576	52.30	ug/l	100
74) N-amyl acetate	12.28	43	135259	45.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	132498	60.67	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	107269m	67.62	ug/l	
77) Bromobenzene	12.75	156	146341	54.16	ug/l	97
78) n-propylbenzene	12.81	91	713690	51.52	ug/l	100
79) 2-Chlorotoluene	12.90	91	417504	53.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	493458	51.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35436	49.41	ug/l	96
82) 4-Chlorotoluene	12.99	91	442306	52.75	ug/l	100
83) tert-Butylbenzene	13.21	119	400219	50.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	513361	52.51	ug/l	100
85) sec-Butylbenzene	13.39	105	564520	47.69	ug/l	100
86) p-Isopropyltoluene	13.51	119	501732	48.32	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	275128	50.98	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	274317	50.68	ug/l	100
89) n-Butylbenzene	13.83	91	451534	44.24	ug/l	100
90) Hexachloroethane	14.10	117	89578	46.80	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	253692	52.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23588	60.74	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	152295	45.10	ug/l	98
94) Hexachlorobutadiene	15.24	225	62555	32.26	ug/l	98
95) Naphthalene	15.38	128	362060	58.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	138770	46.41	ug/l	99

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

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