Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071618\
Data File : VW003957.D
Acq On : 16 Jul 2018 17:57
Operator : VA/AP
Sample : VW0716SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Manual Integrations APPROVED
apatel
7/17/2018 10:31:54 AM

Quant Time: Jul 17 05:59:50 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	250949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156277	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.42%		
35) Dibromofluoromethane	7.88	113	132930	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.94%		
50) Toluene-d8	10.33	98	521385	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.06%		
62) 4-Bromofluorobenzene	12.62	95	188450	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.30%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	30979	21.98	ug/l	97
3) Chloromethane	2.20	50	42594	22.96	ug/l	98
4) Vinyl Chloride	2.35	62	55400	21.71	ug/l	96
5) Bromomethane	2.76	94	35164	22.05	ug/l	99
6) Chloroethane	2.91	64	30757	21.22	ug/l	98
7) Trichlorofluoromethane	3.24	101	17599	16.43	ug/l	98
8) Diethyl Ether	3.67	74	27419	22.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	49658	20.09	ug/l	99
10) Methyl Iodide	4.26	142	71770	20.22	ug/l	99
11) Tert butyl alcohol	5.20	59	21070	108.81	ug/l	98
12) 1,1-Dichloroethene	4.02	96	51398	21.07	ug/l	98
13) Acrolein	3.89	56	22322	112.19	ug/l	93
14) Allyl chloride	4.65	41	71054	17.65	ug/l	99
15) Acrylonitrile	5.37	53	67867	106.52	ug/l	97
16) Acetone	4.12	43	65731	97.51	ug/l	97
17) Carbon Disulfide	4.37	76	155233	20.39	ug/l	100
18) Methyl Acetate	4.67	43	34647	21.41	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	100339	21.47	ug/l	96
20) Methylene Chloride	4.92	84	66532	17.20	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	54319	20.32	ug/l	97
22) Diisopropyl ether	6.31	45	176637	21.71	ug/l	98
23) Vinyl Acetate	6.26	43	580734	112.66	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104919	21.14	ug/l	98
25) 2-Butanone	7.18	43	102947	113.49	ug/l	99
26) 2,2-Dichloropropane	7.16	77	54215	19.03	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60016	20.77	ug/l	100
28) Bromochloromethane	7.51	49	46574	22.93	ug/l	98
29) Tetrahydrofuran	7.53	42	65849	116.54	ug/l	99
30) Chloroform	7.68	83	106089	21.48	ug/l	98
31) Cyclohexane	7.95	56	94437	20.29	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	77619	20.13	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82587	19.94	ug/l	100
37) Ethyl Acetate	7.26	43	45095	22.58	ug/l	99
38) Carbon Tetrachloride	8.07	117	76264	19.71	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	92907	19.16	ug/l		97
40) Benzene	8.32	78	236596	20.59	ug/l		100
41) Methacrylonitrile	7.49	41	22383	20.22	ug/l		95
42) 1,2-Dichloroethane	8.40	62	75767	21.62	ug/l		100
43) Isopropyl Acetate	8.43	43	82500	22.08	ug/l		99
44) Trichloroethene	9.09	130	59781	20.07	ug/l		95
45) 1,2-Dichloropropane	9.37	63	61555	20.99	ug/l		100
46) Dibromomethane	9.46	93	32600	21.42	ug/l		99
47) Bromodichloromethane	9.65	83	78464	20.92	ug/l		97
48) Methyl methacrylate	9.44	41	39471	21.85	ug/l		98
49) 1,4-Dioxane	9.46	88	10133	433.21	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.21	43	227210	114.15	ug/l		99
52) Toluene	10.39	92	146871	20.67	ug/l		98
53) t-1,3-Dichloropropene	10.61	75	81349	20.74	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	91106	20.30	ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	45901	21.45	ug/l		99
56) Ethyl methacrylate	10.65	69	58899	21.05	ug/l		95
57) 1,3-Dichloropropane	10.94	76	81035	21.79	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.93	63	146435	115.34	ug/l		99
59) 2-Hexanone	10.98	43	157217	112.07	ug/l		98
60) Dibromochloromethane	11.13	129	52647	21.12	ug/l		99
61) 1,2-Dibromoethane	11.24	107	44162	21.69	ug/l		97
64) Tetrachloroethene	10.87	164	52386	20.35	ug/l		98
65) Chlorobenzene	11.66	112	162439	20.36	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.74	131	56409	20.35	ug/l		99
67) Ethyl Benzene	11.74	91	279557	19.95	ug/l		98
68) m/p-Xylenes	11.85	106	212012	39.58	ug/l		98
69) o-Xylene	12.17	106	99381	20.00	ug/l		100
70) Styrene	12.19	104	170650	20.56	ug/l		99
71) Bromoform	12.35	173	32195	20.57	ug/l	#	98
73) Isopropylbenzene	12.47	105	270285	19.43	ug/l		99
74) N-amyl acetate	12.28	43	79157	21.84	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	57578	21.40	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	48013m	24.56	ug/l		
77) Bromobenzene	12.76	156	67116	20.16	ug/l		98
78) n-propylbenzene	12.81	91	338515	19.83	ug/l		100
79) 2-Chlorotoluene	12.90	91	194087	20.16	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	233203	19.92	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	18123	20.51	ug/l		95
82) 4-Chlorotoluene	12.99	91	206933	20.03	ug/l		99
83) tert-Butylbenzene	13.21	119	192719	19.61	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	241608	20.06	ug/l		98
85) sec-Butylbenzene	13.39	105	285997	19.61	ug/l		99
86) p-Isopropyltoluene	13.51	119	254282	19.88	ug/l		100
87) 1,3-Dichlorobenzene	13.51	146	135324	20.35	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	135737	20.36	ug/l		99
89) n-Butylbenzene	13.83	91	244156	19.41	ug/l		99
90) Hexachloroethane	14.10	117	46055	19.53	ug/l		99
91) 1,2-Dichlorobenzene	13.88	146	123024	20.77	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10402	21.74	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	88881	21.36	ug/l	98
94) Hexachlorobutadiene	15.25	225	46843	19.61	ug/l	100
95) Naphthalene	15.38	128	173207	22.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	79323	21.53	ug/l	100

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

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