Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006025.D
Acq On : 11 Oct 2018 12:11
Operator : VA/AP
Sample : VW1012SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Manual Integrations APPROVED
apatel
10/12/2018 11:46:03 AM

Quant Time: Oct 11 16:17:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109894	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.42%			
35) Dibromofluoromethane	7.88	113	110730	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
50) Toluene-d8	10.33	98	424628	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
62) 4-Bromofluorobenzene	12.62	95	158918	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	24468	20.38	ug/l	100
3) Chloromethane	2.21	50	29783	21.09	ug/l	97
4) Vinyl Chloride	2.37	62	45778	20.42	ug/l	97
5) Bromomethane	2.78	94	40765	23.04	ug/l	99
6) Chloroethane	2.92	64	32339	22.64	ug/l	95
7) Trichlorofluoromethane	3.25	101	36959	20.77	ug/l	96
8) Diethyl Ether	3.68	74	21680	19.80	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43372	19.31	ug/l	99
10) Methyl Iodide	4.27	142	68313	18.60	ug/l	99
11) Tert butyl alcohol	5.20	59	16107m	92.41	ug/l	
12) 1,1-Dichloroethene	4.03	96	39885	18.49	ug/l	97
13) Acrolein	3.90	56	13062	84.10	ug/l	97
14) Allyl chloride	4.66	41	56149	15.27	ug/l	95
15) Acrylonitrile	5.37	53	44745	93.88	ug/l	99
16) Acetone	4.14	43	50899	107.15	ug/l	94
17) Carbon Disulfide	4.38	76	102058	15.65	ug/l	98
18) Methyl Acetate	4.67	43	20094	16.76	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	63817	19.02	ug/l	100
20) Methylene Chloride	4.92	84	45072	18.94	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44583	18.97	ug/l	98
22) Diisopropyl ether	6.31	45	119514	17.38	ug/l	98
23) Vinyl Acetate	6.26	43	366660	86.65	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76020	18.07	ug/l	99
25) 2-Butanone	7.18	43	66734	98.77	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50838	17.17	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51385	19.33	ug/l	96
28) Bromochloromethane	7.51	49	29060	18.71	ug/l	92
29) Tetrahydrofuran	7.54	42	38160	89.35	ug/l	96
30) Chloroform	7.68	83	81627	18.89	ug/l	100
31) Cyclohexane	7.95	56	70200	16.86	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68139	17.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63600	18.69	ug/l	100
37) Ethyl Acetate	7.26	43	26514	18.40	ug/l	100
38) Carbon Tetrachloride	8.07	117	65159	17.82	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82268	18.33 ug/l	96
40) Benzene	8.32	78	177138	19.02 ug/l	99
41) Methacrylonitrile	7.49	41	15246	16.90 ug/l	95
42) 1,2-Dichloroethane	8.40	62	53502	19.02 ug/l	99
43) Isopropyl Acetate	8.43	43	52763	17.53 ug/l	98
44) Trichloroethene	9.09	130	52656	19.49 ug/l	99
45) 1,2-Dichloropropane	9.37	63	42799	18.36 ug/l	99
46) Dibromomethane	9.46	93	24832	19.38 ug/l	96
47) Bromodichloromethane	9.65	83	57992	17.99 ug/l	99
48) Methyl methacrylate	9.44	41	24282	16.93 ug/l	94
49) 1,4-Dioxane	9.47	88	7886	405.23 ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	138171	94.27 ug/l	99
52) Toluene	10.39	92	116849	19.10 ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57428	17.05 ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	67472	17.82 ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	34589	19.49 ug/l	98
56) Ethyl methacrylate	10.65	69	45361	18.97 ug/l	94
57) 1,3-Dichloropropane	10.93	76	57693	19.33 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93197	95.77 ug/l	98
59) 2-Hexanone	10.98	43	103486	98.47 ug/l	97
60) Dibromochloromethane	11.13	129	41886	18.29 ug/l	99
61) 1,2-Dibromoethane	11.24	107	34683	19.56 ug/l	99
64) Tetrachloroethene	10.87	164	46286	18.98 ug/l	99
65) Chlorobenzene	11.66	112	137219	19.56 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48471	18.85 ug/l	98
67) Ethyl Benzene	11.73	91	236014	19.05 ug/l	99
68) m/p-Xylenes	11.84	106	185307	38.28 ug/l	100
69) o-Xylene	12.17	106	89332	19.27 ug/l	97
70) Styrene	12.18	104	147256	19.15 ug/l	99
71) Bromoform	12.35	173	25559	16.69 ug/l #	100
73) Isopropylbenzene	12.47	105	249047	18.56 ug/l	100
74) N-amyl acetate	12.28	43	54050	16.96 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	41996	19.10 ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31672m	19.30 ug/l	
77) Bromobenzene	12.75	156	61861	19.46 ug/l	95
78) n-propylbenzene	12.81	91	293237	18.58 ug/l	100
79) 2-Chlorotoluene	12.90	91	164788	18.50 ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	209588	18.51 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10958	14.10 ug/l	93
82) 4-Chlorotoluene	12.99	91	175436	18.72 ug/l	99
83) tert-Butylbenzene	13.21	119	189473	18.81 ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	217406	19.03 ug/l	100
85) sec-Butylbenzene	13.39	105	268500	18.99 ug/l	99
86) p-Isopropyltoluene	13.51	119	241960	19.03 ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	124232	19.67 ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125728	20.04 ug/l	99
89) n-Butylbenzene	13.83	91	227276	18.96 ug/l	99
90) Hexachloroethane	14.10	117	38404	16.06 ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	111813	19.95 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7057	17.22 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	86993	20.01	ug/l	100
94) Hexachlorobutadiene	15.24	225	51894	19.13	ug/l	100
95) Naphthalene	15.38	128	148508	19.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75132	19.96	ug/l	99

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

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