Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
Data File : VW018332.D
Acq On : 12 Mar 2021 22:24
Operator : SY/VA
Sample : VW0314SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0314SBSD01

Manual Integrations APPROVED
MMDadoda
3/15/2021 12:40:35 PM

Quant Time: Mar 13 05:02:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 13 04:56:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.952	168	124750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	219802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	203772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	102703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	87740	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.84%			
35) Dibromofluoromethane	7.884	113	79035	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.64%			
50) Toluene-d8	10.323	98	287024	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.94%			
62) 4-Bromofluorobenzene	12.615	95	110248	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	26302	23.15	ug/l	98
3) Chloromethane	2.221	50	21280	22.73	ug/l	96
4) Vinyl Chloride	2.367	62	29629	21.03	ug/l	100
5) Bromomethane	2.782	94	24434	21.78	ug/l	98
6) Chloroethane	2.928	64	18375	21.27	ug/l	99
7) Trichlorofluoromethane	3.257	101	23164	16.89	ug/l	98
8) Diethyl Ether	3.684	74	16223	24.01	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	31246	20.69	ug/l	97
10) Methyl Iodide	4.275	142	44729	21.73	ug/l	98
11) Tert butyl alcohol	5.184	59	7974	124.44	ug/l	96
12) 1,1-Dichloroethene	4.050	96	30756	21.17	ug/l	98
13) Acrolein	3.897	56	9566	113.89	ug/l	100
14) Allyl chloride	4.672	41	33914	20.72	ug/l	99
15) Acrylonitrile	5.373	53	32591	122.04	ug/l	100
16) Acetone	4.123	43	24904	117.37	ug/l	95
17) Carbon Disulfide	4.397	76	80290	20.48	ug/l	99
18) Methyl Acetate	4.678	43	13068	23.98	ug/l	96
19) Methyl tert-butyl Ether	5.434	73	39148	22.47	ug/l	97
20) Methylene Chloride	4.915	84	42951	23.82	ug/l	93
21) trans-1,2-Dichloroethene	5.428	96	34993	21.47	ug/l	88
22) Diisopropyl ether	6.312	45	78918	23.33	ug/l	99
23) Vinyl Acetate	6.257	43	249602	122.03	ug/l	99
24) 1,1-Dichloroethane	6.220	63	58133	22.23	ug/l	97
25) 2-Butanone	7.171	43	38469	126.45	ug/l	98
26) 2,2-Dichloropropane	7.165	77	32228	19.73	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	39208	22.18	ug/l	98
28) Bromochloromethane	7.513	49	23092	24.41	ug/l	97
29) Tetrahydrofuran	7.531	42	24521	126.51	ug/l	100
30) Chloroform	7.677	83	66901	22.43	ug/l	97
31) Cyclohexane	7.958	56	47309	20.16	ug/l #	92
32) 1,1,1-Trichloroethane	7.872	97	53413	21.02	ug/l	99
36) 1,1-Dichloropropene	8.086	75	49225	20.63	ug/l	99
37) Ethyl Acetate	7.250	43	18494	24.91	ug/l	96
38) Carbon Tetrachloride	8.073	117	51510	20.44	ug/l	93
39) Methylcyclohexane	9.335	83	59327	20.89	ug/l	98
40) Benzene	8.323	78	135300	21.61	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	10425	24.99	ug/l		97
42) 1,2-Dichloroethane	8.403	62	46649	22.61	ug/l		100
43) Isopropyl Acetate	8.427	43	34699	24.76	ug/l		99
44) Trichloroethene	9.092	130	37662	20.88	ug/l		99
45) 1,2-Dichloropropane	9.366	63	30818	21.46	ug/l		99
46) Dibromomethane	9.457	93	20353	22.91	ug/l		97
47) Bromodichloromethane	9.646	83	50717	22.25	ug/l		95
48) Methyl methacrylate	9.439	41	16473	23.99	ug/l		95
49) 1,4-Dioxane	9.451	88	5221	486.46	ug/l		95
51) 4-Methyl-2-Pentanone	10.207	43	90871	126.90	ug/l		98
52) Toluene	10.390	92	88782	21.40	ug/l		96
53) t-1,3-Dichloropropene	10.604	75	46231	22.82	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	52995	22.19	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	27902	23.44	ug/l		94
56) Ethyl methacrylate	10.646	69	32205	23.96	ug/l		98
57) 1,3-Dichloropropane	10.933	76	46317	23.05	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	80485	119.31	ug/l		99
59) 2-Hexanone	10.969	43	61887	127.40	ug/l		99
60) Dibromochloromethane	11.128	129	31640	21.92	ug/l		97
61) 1,2-Dibromoethane	11.238	107	27023	23.13	ug/l		99
64) Tetrachloroethene	10.860	164	30622	21.01	ug/l		91
65) Chlorobenzene	11.658	112	98799	21.25	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.725	131	34129	20.79	ug/l		97
67) Ethyl Benzene	11.731	91	181390	21.09	ug/l		99
68) m/p-Xylenes	11.835	106	132927	41.59	ug/l		96
69) o-Xylene	12.164	106	63527	21.72	ug/l		98
70) Styrene	12.176	104	105041	21.05	ug/l		100
71) Bromoform	12.353	173	16969	22.32	ug/l	#	97
73) Isopropylbenzene	12.463	105	171430	19.18	ug/l		100
74) N-amyl acetate	12.274	43	31768	22.83	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	31948	22.24	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	20704m	21.44	ug/l		
77) Bromobenzene	12.743	156	38008	20.24	ug/l		96
78) n-propylbenzene	12.804	91	208230	19.85	ug/l		100
79) 2-Chlorotoluene	12.890	91	119367	19.62	ug/l		94
80) 1,3,5-Trimethylbenzene	12.945	105	154135	20.15	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	8004	20.76	ug/l		97
82) 4-Chlorotoluene	12.987	91	130951	20.56	ug/l		100
83) tert-Butylbenzene	13.207	119	125847	19.43	ug/l		98
84) 1,2,4-Trimethylbenzene	13.249	105	153524	20.19	ug/l		98
85) sec-Butylbenzene	13.384	105	174267	19.39	ug/l		99
86) p-Isopropyltoluene	13.499	119	163034	19.74	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	78678	20.73	ug/l		95
88) 1,4-Dichlorobenzene	13.572	146	73983	19.87	ug/l		94
89) n-Butylbenzene	13.822	91	152480	19.33	ug/l		99
90) Hexachloroethane	14.091	117	27131	19.04	ug/l		95
91) 1,2-Dichlorobenzene	13.865	146	70230	21.66	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5701	22.90	ug/l		97
93) 1,2,4-Trichlorobenzene	15.127	180	47787	21.61	ug/l		95
94) Hexachlorobutadiene	15.231	225	25370	19.70	ug/l		91
95) Naphthalene	15.365	128	99601	23.25	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	39309	20.52	ug/l		88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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