Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
Data File : VW019037.D
Acq On : 19 May 2021 17:41
Operator : SY/VA
Sample : VW0520SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations APPROVED
MMDadoda
5/20/2021 6:00:18 PM

Quant Time: May 20 03:35:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 09:25:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.946	168	349030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	595372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	551518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	280597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	230733	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.78%			
35) Dibromofluoromethane	7.885	113	205428	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.08%			
50) Toluene-d8	10.323	98	816424	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.30%			
62) 4-Bromofluorobenzene	12.615	95	290889	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	56339	23.97	ug/l	93
3) Chloromethane	2.215	50	57037	21.88	ug/l	99
4) Vinyl Chloride	2.367	62	84665	22.10	ug/l	98
5) Bromomethane	2.776	94	74075	23.08	ug/l	98
6) Chloroethane	2.922	64	58949	22.40	ug/l	96
7) Trichlorofluoromethane	3.257	101	38879	18.45	ug/l	96
8) Diethyl Ether	3.684	74	41717	22.76	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.074	101	72439	21.25	ug/l	98
10) Methyl Iodide	4.282	142	108946	21.78	ug/l	99
11) Tert butyl alcohol	5.184	59	26195	136.71	ug/l	98
12) 1,1-Dichloroethene	4.050	96	76226	21.93	ug/l	97
13) Acrolein	3.891	56	26349	112.07	ug/l	96
14) Allyl chloride	4.672	41	92088	20.36	ug/l	99
15) Acrylonitrile	5.367	53	77593	112.89	ug/l	99
16) Acetone	4.129	43	63048	112.65	ug/l	98
17) Carbon Disulfide	4.391	76	201573	21.22	ug/l	100
18) Methyl Acetate	4.678	43	37940	23.03	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	99664	22.84	ug/l	95
20) Methylene Chloride	4.928	84	113669	25.29	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	87716	22.09	ug/l	97
22) Diisopropyl ether	6.312	45	202561	22.02	ug/l	99
23) Vinyl Acetate	6.257	43	688677	111.25	ug/l	99
24) 1,1-Dichloroethane	6.214	63	155547	21.83	ug/l	100
25) 2-Butanone	7.171	43	106190	115.50	ug/l	100
26) 2,2-Dichloropropane	7.165	77	80953	21.09	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	97224	22.06	ug/l	100
28) Bromochloromethane	7.513	49	63129	21.78	ug/l	100
29) Tetrahydrofuran	7.531	42	63041	117.25	ug/l	98
30) Chloroform	7.677	83	161171	22.25	ug/l	98
31) Cyclohexane	7.958	56	123546	20.74	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	115475	21.47	ug/l	98
36) 1,1-Dichloropropene	8.086	75	126042	21.26	ug/l	99
37) Ethyl Acetate	7.257	43	51855	22.61	ug/l	99
38) Carbon Tetrachloride	8.067	117	106547	20.39	ug/l	99
39) Methylcyclohexane	9.336	83	135585	20.67	ug/l	99
40) Benzene	8.324	78	356418	21.51	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	28577	22.82	ug/l		94
42) 1,2-Dichloroethane	8.403	62	109280	22.24	ug/l		99
43) Isopropyl Acetate	8.427	43	95750	22.38	ug/l		100
44) Trichloroethene	9.092	130	91613	21.44	ug/l		97
45) 1,2-Dichloropropane	9.372	63	85865	21.42	ug/l		100
46) Dibromomethane	9.457	93	48024	22.06	ug/l		98
47) Bromodichloromethane	9.646	83	115343	21.32	ug/l		97
48) Methyl methacrylate	9.439	41	42474	21.62	ug/l		94
49) 1,4-Dioxane	9.457	88	11183	450.72	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.207	43	250711	113.12	ug/l		100
52) Toluene	10.390	92	224705	21.39	ug/l		99
53) t-1,3-Dichloropropene	10.604	75	112517	21.14	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	134989	21.30	ug/l		98
55) 1,1,2-Trichloroethane	10.787	97	66222	22.01	ug/l		99
56) Ethyl methacrylate	10.646	69	84032	22.24	ug/l		99
57) 1,3-Dichloropropane	10.933	76	118879	22.09	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	220831	113.01	ug/l		100
59) 2-Hexanone	10.969	43	167178	113.49	ug/l		99
60) Dibromochloromethane	11.128	129	72112	21.42	ug/l		99
61) 1,2-Dibromoethane	11.238	107	62865	21.73	ug/l		98
64) Tetrachloroethene	10.866	164	74218	20.71	ug/l		89
65) Chlorobenzene	11.658	112	235588	21.00	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.731	131	82439	21.53	ug/l		98
67) Ethyl Benzene	11.731	91	432622	20.85	ug/l		95
68) m/p-Xylenes	11.841	106	328412	42.12	ug/l		100
69) o-Xylene	12.164	106	153480	21.11	ug/l		100
70) Styrene	12.183	104	258889	20.98	ug/l		99
71) Bromoform	12.347	173	39338	20.47	ug/l	#	99
73) Isopropylbenzene	12.463	105	423827	20.61	ug/l		99
74) N-amyl acetate	12.274	43	89028	20.99	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.713	83	79356	21.57	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	51861m	19.57	ug/l		
77) Bromobenzene	12.750	156	94329	20.80	ug/l		97
78) n-propylbenzene	12.804	91	512216	20.37	ug/l		99
79) 2-Chlorotoluene	12.890	91	295655	20.64	ug/l		99
80) 1,3,5-Trimethylbenzene	12.945	105	360396	20.64	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	20254	18.63	ug/l		92
82) 4-Chlorotoluene	12.987	91	308098	20.26	ug/l		98
83) tert-Butylbenzene	13.207	119	306488	20.83	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	362861	20.94	ug/l		99
85) sec-Butylbenzene	13.384	105	452585	20.74	ug/l		100
86) p-Isopropyltoluene	13.493	119	389376	20.60	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	193667	20.91	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	191809	21.01	ug/l		98
89) n-Butylbenzene	13.823	91	378544	20.36	ug/l		99
90) Hexachloroethane	14.091	117	57029	19.25	ug/l		97
91) 1,2-Dichlorobenzene	13.871	146	169797	20.73	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12781	21.75	ug/l		98
93) 1,2,4-Trichlorobenzene	15.127	180	116386	21.22	ug/l		96
94) Hexachlorobutadiene	15.231	225	59993	18.94	ug/l		94
95) Naphthalene	15.365	128	215317	21.55	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	102219	21.53	ug/l		97

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

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