Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019025.D
Acq On : 18 May 2021 18:42
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW051921

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Quant Time: May 19 09:27:21 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	7.951	168	393585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	663852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	612275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	311388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	232522	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.06%			
35) Dibromofluoromethane	7.884	113	206226	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.94%			
50) Toluene-d8	10.323	98	832564	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.62%			
62) 4-Bromofluorobenzene	12.615	95	309532	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	131162	49.50	ug/l	97
3) Chloromethane	2.215	50	161216	54.83	ug/l	98
4) Vinyl Chloride	2.367	62	234740	54.34	ug/l	99
5) Bromomethane	2.782	94	187952	51.92	ug/l	100
6) Chloroethane	2.928	64	156631	52.79	ug/l	99
7) Trichlorofluoromethane	3.263	101	116454	49.01	ug/l	99
8) Diethyl Ether	3.684	74	114904	55.60	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	201170	52.34	ug/l	99
10) Methyl Iodide	4.281	142	302285	53.59	ug/l	98
11) Tert butyl alcohol	5.171	59	63817	297.60	ug/l	99
12) 1,1-Dichloroethene	4.050	96	211280	53.90	ug/l	98
13) Acrolein	3.897	56	67069	252.98	ug/l	98
14) Allyl chloride	4.672	41	272377	53.40	ug/l	100
15) Acrylonitrile	5.367	53	216792	279.70	ug/l	100
16) Acetone	4.123	43	176775	280.08	ug/l	99
17) Carbon Disulfide	4.391	76	584465	54.57	ug/l	99
18) Methyl Acetate	4.672	43	101723	54.76	ug/l	97
19) Methyl tert-butyl Ether	5.428	73	277173	56.32	ug/l	99
20) Methylene Chloride	4.922	84	244692	53.68	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	243645	54.40	ug/l	98
22) Diisopropyl ether	6.311	45	566555	54.61	ug/l	99
23) Vinyl Acetate	6.257	43	1988467	284.85	ug/l	100
24) 1,1-Dichloroethane	6.220	63	431384	53.69	ug/l	99
25) 2-Butanone	7.171	43	295709	285.23	ug/l	98
26) 2,2-Dichloropropane	7.171	77	217585	50.26	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	270444	54.41	ug/l	99
28) Bromochloromethane	7.513	49	172747	52.85	ug/l	98
29) Tetrahydrofuran	7.531	42	176088	290.43	ug/l	99
30) Chloroform	7.677	83	440774	53.96	ug/l	98
31) Cyclohexane	7.958	56	329927	49.11	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	324542	53.51	ug/l	98
36) 1,1-Dichloropropene	8.086	75	346511	52.42	ug/l	100
37) Ethyl Acetate	7.250	43	139530	54.56	ug/l	99
38) Carbon Tetrachloride	8.073	117	308264	52.91	ug/l	99
39) Methylcyclohexane	9.335	83	388216	53.08	ug/l	99
40) Benzene	8.323	78	980972	53.09	ug/l	99

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41) Methacrylonitrile	7.482	41	74655	53.46	ug/l		99
42) 1,2-Dichloroethane	8.403	62	296700	54.16	ug/l		100
43) Isopropyl Acetate	8.421	43	273318	57.31	ug/l		98
44) Trichloroethene	9.091	130	254299	53.37	ug/l		99
45) 1,2-Dichloropropane	9.366	63	238878	53.44	ug/l		98
46) Dibromomethane	9.457	93	131082	54.01	ug/l		99
47) Bromodichloromethane	9.646	83	326987	54.20	ug/l		99
48) Methyl methacrylate	9.439	41	126070	57.56	ug/l		97
49) 1,4-Dioxane	9.451	88	32074	1159.37	ug/l		97
51) 4-Methyl-2-Pentanone	10.207	43	697359	282.19	ug/l		100
52) Toluene	10.390	92	626433	53.47	ug/l		99
53) t-1,3-Dichloropropene	10.603	75	334058	56.29	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	390000	55.18	ug/l		100
55) 1,1,2-Trichloroethane	10.786	97	183741	54.78	ug/l		97
56) Ethyl methacrylate	10.646	69	245964	58.39	ug/l		99
57) 1,3-Dichloropropane	10.933	76	323361	53.89	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.921	63	590278	270.91	ug/l		98
59) 2-Hexanone	10.969	43	478652	291.41	ug/l		99
60) Dibromochloromethane	11.128	129	212291	56.56	ug/l		98
61) 1,2-Dibromoethane	11.237	107	179693	55.69	ug/l		98
64) Tetrachloroethene	10.859	164	213087	53.57	ug/l		91
65) Chlorobenzene	11.658	112	661114	53.07	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	235702	55.45	ug/l		99
67) Ethyl Benzene	11.731	91	1242511	53.93	ug/l		98
68) m/p-Xylenes	11.841	106	945427	109.22	ug/l		99
69) o-Xylene	12.164	106	447807	55.48	ug/l		99
70) Styrene	12.182	104	764657	55.82	ug/l		99
71) Bromoform	12.347	173	122007	57.18	ug/l	#	99
73) Isopropylbenzene	12.463	105	1203221	52.71	ug/l		99
74) N-amyl acetate	12.274	43	269050	57.15	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	221676	54.29	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	172562m	58.69	ug/l		
77) Bromobenzene	12.743	156	276386	54.93	ug/l		99
78) n-propylbenzene	12.804	91	1478113	52.97	ug/l		99
79) 2-Chlorotoluene	12.890	91	851307	53.54	ug/l		100
80) 1,3,5-Trimethylbenzene	12.944	105	1040823	53.72	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	68196	56.53	ug/l		98
82) 4-Chlorotoluene	12.987	91	898086	53.22	ug/l		98
83) tert-Butylbenzene	13.201	119	881461	53.98	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	1044750	54.33	ug/l		99
85) sec-Butylbenzene	13.383	105	1293625	53.42	ug/l		98
86) p-Isopropyltoluene	13.499	119	1130590	53.90	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	556006	54.11	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	550821	54.38	ug/l		99
89) n-Butylbenzene	13.822	91	1082584	52.48	ug/l		98
90) Hexachloroethane	14.091	117	180807	54.98	ug/l		99
91) 1,2-Dichlorobenzene	13.865	146	499446	54.95	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	37662	57.76	ug/l		98
93) 1,2,4-Trichlorobenzene	15.133	180	334016	54.88	ug/l		96
94) Hexachlorobutadiene	15.231	225	182111	51.81	ug/l		95
95) Naphthalene	15.365	128	641880	57.89	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	290493	55.13	ug/l		99

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

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