Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019030.D
Acq On : 18 May 2021 21:06
Operator : SY/VA
Sample : M2262-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations APPROVED
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5/20/2021 5:59:03 PM

Quant Time: May 19 07:51:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 07:50:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.946	168	385848	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	648483	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	594309	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	287250	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	229845	58.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.80%				
35) Dibromofluoromethane	7.885	113	206213	57.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.22%				
50) Toluene-d8	10.323	98	831529	58.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 117.02%				
62) 4-Bromofluorobenzene	12.615	95	290362	56.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.36%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	9436	3.63	ug/l		98
3) Chloromethane	2.209	50	12555	4.36	ug/l		100
4) Vinyl Chloride	2.367	62	15855	3.74	ug/l		99
5) Bromomethane	2.776	94	15082	4.25	ug/l		96
6) Chloroethane	2.928	64	11339	3.90	ug/l		90
7) Trichlorofluoromethane	3.257	101	7912	3.40	ug/l		93
8) Diethyl Ether	3.684	74	8528	4.21	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.062	101	14891	3.95	ug/l		99
10) Methyl Iodide	4.275	142	22714	4.11	ug/l		98
11) Tert butyl alcohol	5.166	59	8636	37.69	ug/l	#	85
12) 1,1-Dichloroethene	4.044	96	15514	4.04	ug/l		96
13) Acrolein	3.904	56	5352	20.59	ug/l		98
14) Allyl chloride	4.672	41	19833	3.97	ug/l		97
15) Acrylonitrile	5.373	53	15164	19.96	ug/l		98
16) Acetone	4.129	43	15497	25.05	ug/l		95
17) Carbon Disulfide	4.385	76	39170	3.73	ug/l		99
18) Methyl Acetate	4.672	43	8470	4.65	ug/l		98
19) Methyl tert-butyl Ether	5.422	73	20710	4.29	ug/l	#	89
20) Methylene Chloride	4.916	84	43050	7.76	ug/l		98
21) trans-1,2-Dichloroethene	5.422	96	18919	4.31	ug/l		88
22) Diisopropyl ether	6.312	45	41669	4.10	ug/l		97
23) Vinyl Acetate	6.257	43	125391	18.32	ug/l		99
24) 1,1-Dichloroethane	6.214	63	32917	4.18	ug/l		97
25) 2-Butanone	7.177	43	22112	21.76	ug/l		94
26) 2,2-Dichloropropane	7.165	77	18982	4.47	ug/l		92
27) cis-1,2-Dichloroethene	7.171	96	20750	4.26	ug/l		97
28) Bromochloromethane	7.513	49	13786	4.30	ug/l		98
29) Tetrahydrofuran	7.531	42	12315	20.72	ug/l		97
30) Chloroform	7.677	83	34136	4.26	ug/l		97
31) Cyclohexane	7.952	56	32673	4.96	ug/l	#	68
32) 1,1,1-Trichloroethane	7.872	97	24674	4.15	ug/l		97
36) 1,1-Dichloropropene	8.080	75	26388	4.09	ug/l		100
37) Ethyl Acetate	7.257	43	11654	4.66	ug/l		98
38) Carbon Tetrachloride	8.067	117	22298	3.92	ug/l		94
39) Methylcyclohexane	9.335	83	28041	3.92	ug/l		99
40) Benzene	8.323	78	77437	4.29	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	4722	3.46	ug/l		90
42) 1,2-Dichloroethane	8.403	62	23417	4.38	ug/l		98
43) Isopropyl Acetate	8.427	43	18330	3.93	ug/l		98
44) Trichloroethene	9.092	130	19631	4.22	ug/l		96
45) 1,2-Dichloropropane	9.372	63	18383	4.21	ug/l		99
46) Dibromomethane	9.464	93	9667	4.08	ug/l		99
47) Bromodichloromethane	9.646	83	23419	3.97	ug/l		98
48) Methyl methacrylate	9.439	41	8130	3.80	ug/l		99
49) 1,4-Dioxane	9.451	88	2276	84.22	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.207	43	49239	20.40	ug/l		100
52) Toluene	10.390	92	48519	4.24	ug/l		99
53) t-1,3-Dichloropropene	10.610	75	21595	3.73	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	26033	3.77	ug/l		98
55) 1,1,2-Trichloroethane	10.786	97	13414	4.09	ug/l		96
56) Ethyl methacrylate	10.646	69	15046	3.66	ug/l		99
57) 1,3-Dichloropropane	10.933	76	23860	4.07	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.927	63	39173	18.40	ug/l		100
59) 2-Hexanone	10.969	43	30090	18.75	ug/l		100
60) Dibromochloromethane	11.128	129	13667	3.73	ug/l		98
61) 1,2-Dibromoethane	11.238	107	12654	4.01	ug/l		97
64) Tetrachloroethene	10.866	164	16271	4.21	ug/l		94
65) Chlorobenzene	11.658	112	49524	4.10	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	16086	3.90	ug/l		99
67) Ethyl Benzene	11.731	91	89973	4.02	ug/l		100
68) m/p-Xylenes	11.841	106	68072	8.10	ug/l		99
69) o-Xylene	12.170	106	31474	4.02	ug/l		99
70) Styrene	12.183	104	50037	3.76	ug/l		99
71) Bromoform	12.347	173	7238	3.49	ug/l	#	98
73) Isopropylbenzene	12.463	105	85526	4.06	ug/l		98
74) N-amyl acetate	12.274	43	16067	3.70	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.713	83	15396	4.09	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	10862m	4.00	ug/l		
77) Bromobenzene	12.743	156	18727	4.03	ug/l		91
78) n-propylbenzene	12.804	91	105337	4.09	ug/l		100
79) 2-Chlorotoluene	12.890	91	60558	4.13	ug/l		98
80) 1,3,5-Trimethylbenzene	12.945	105	72360	4.05	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.518	75	3774m	3.39	ug/l		
82) 4-Chlorotoluene	12.987	91	64166	4.12	ug/l		100
83) tert-Butylbenzene	13.207	119	59372	3.94	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	72530	4.09	ug/l		97
85) sec-Butylbenzene	13.384	105	89733	4.02	ug/l		99
86) p-Isopropyltoluene	13.499	119	76680	3.96	ug/l		100
87) 1,3-Dichlorobenzene	13.499	146	39463	4.16	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	38482	4.12	ug/l		90
89) n-Butylbenzene	13.823	91	75500	3.97	ug/l		99
90) Hexachloroethane	14.091	117	11510	3.79	ug/l		98
91) 1,2-Dichlorobenzene	13.871	146	35189	4.20	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	2441	4.06	ug/l		95
93) 1,2,4-Trichlorobenzene	15.127	180	23649	4.21	ug/l		98
94) Hexachlorobutadiene	15.231	225	13266	4.09	ug/l		93
95) Naphthalene	15.365	128	39627	3.87	ug/l		98
96) 1,2,3-Trichlorobenzene	15.554	180	20672	4.25	ug/l		95

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

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