Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012420.D
Acq On : 28 Oct 2020 12:57
Operator : CG/JU
Sample : L4214-03
Misc : LOQ-WATER-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2020

Manual Integrations APPROVED
mohammad
10/29/2020 10:44:17 AM

Quant Time: Oct 28 13:31:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	584	0.40	ng	# 0.00
7) Naphthalene-d8	10.352	136	2336	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1459	0.40	ng	0.00
19) Phenanthrene-d10	16.980	188	3008	0.40	ng	# 0.01
29) Chrysene-d12	21.184	240	3091	0.40	ng	# 0.01
36) Perylene-d12	23.354	264	3613	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	570	0.28	ng	0.00
5) Phenol-d6	6.757	99	631	0.26	ng	0.00
8) Nitrobenzene-d5	8.742	82	624	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.958	152	1170	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	254	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.847	172	1363	0.25	ng	0.00
27) Fluoranthene-d10	19.018	212	3122	0.34	ng	0.00
31) Terphenyl-d14	19.623	244	2359	0.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	69	0.07	ng	# 3
3) n-Nitrosodimethylamine	3.495	42	219	0.09	ng	# 61
6) bis(2-Chloroethyl)ether	7.023	93	125m	0.08	ng	
9) Naphthalene	10.402	128	518m	0.08	ng	
10) Hexachlorobutadiene	10.681	225	109	0.08	ng	# 98
12) 2-Methylnaphthalene	12.033	142	323	0.08	ng	# 80
16) Acenaphthylene	13.938	152	532	0.07	ng	98
17) Acenaphthene	14.281	154	341	0.07	ng	88
18) Fluorene	15.283	166	422	0.07	ng	97
20) 4,6-Dinitro-2-methylph...	15.423	198	27	0.04	ng	# 1
21) 4-Bromophenyl-phenylether	16.177	248	120	0.07	ng	# 80
22) Hexachlorobenzene	16.287	284	172	0.08	ng	# 89
23) Atrazine	16.457	200	123	0.07	ng	# 57
24) Pentachlorophenol	16.640	266	163	0.16	ng	88
25) Phenanthrene	17.017	178	657m	0.07	ng	
26) Anthracene	17.114	178	578	0.07	ng	96
28) Fluoranthene	19.047	202	830	0.08	ng	98
30) Pyrene	19.410	202	852	0.08	ng	99
32) Benzo(a)anthracene	21.174	228	654	0.07	ng	# 81
33) Chrysene	21.216	228	907	0.09	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.099	149	1044	0.17	ng	# 89
35) Indeno(1,2,3-cd)pyrene	25.524	276	1145	0.08	ng	# 93
37) Benzo(b)fluoranthene	22.714	252	912	0.08	ng	# 1
38) Benzo(k)fluoranthene	22.755	252	940	0.08	ng	# 32
39) Benzo(a)pyrene	23.265	252	907	0.08	ng	# 1
40) Dibenzo(a,h)anthracene	25.548	278	868	0.07	ng	# 9
41) Benzo(g,h,i)perylene	26.184	276	1093	0.08	ng	# 72

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

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