Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016332.D
Acq On : 18 Sep 2021 13:20
Operator : CG/JU
Sample : M3750-05MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : NAPL-AREA-03-(10-12)-END-POINT

Quant Time: Sep 20 00:56:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	30211	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	138555	0.400	ng		0.00
13) Acenaphthene-d10	14.307	164	76853	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	151121	0.400	ng		-0.01
29) Chrysene-d12	21.259	240	160730	0.400	ng		0.00
35) Perylene-d12	23.526	264	165635	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.328	112	18156	0.240	ng		0.03
5) Phenol-d6	6.877	99	21218	0.231	ng		0.00
8) Nitrobenzene-d5	8.823	82	19204	0.233	ng		-0.01
11) 2-Methylnaphthalene-d10	12.047	152	51712	0.237	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	7199	0.319	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	60537	0.201	ng		0.00
27) Fluoranthene-d10	19.098	212	130315	0.298	ng		0.00
31) Terphenyl-d14	19.708	244	104264	0.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	7264	0.578	ng	#	89
3) n-Nitrosodimethylamine	3.631	42	9935	0.346	ng	#	82
6) bis(2-Chloroethyl)ether	7.126	93	27796	0.340	ng		95
9) Naphthalene	10.495	128	113252	0.303	ng		99
10) Hexachlorobutadiene	10.800	225	21774	0.307	ng	#	99
12) 2-Methylnaphthalene	12.118	142	76711	0.310	ng		97
16) Acenaphthylene	14.028	152	102062	0.285	ng		99
17) Acenaphthene	14.370	154	65607	0.296	ng		100
18) Fluorene	15.360	166	82705	0.301	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	1198	0.304	ng	#	78
21) 4-Bromophenyl-phenylether	16.263	248	26507	0.300	ng		98
22) Hexachlorobenzene	16.360	284	25812	0.309	ng	#	93
23) Atrazine	16.543	200	23363	0.289	ng		98
24) Pentachlorophenol	16.713	266	14533	0.517	ng		98
25) Phenanthrene	17.103	178	131887	0.309	ng		99
26) Anthracene	17.188	178	124794	0.302	ng		99
28) Fluoranthene	19.128	202	156382	0.318	ng		99
30) Pyrene	19.490	202	162784	0.320	ng		99
32) Benzo(a)anthracene	21.249	228	166953	0.323	ng		99
33) Chrysene	21.291	228	161793	0.324	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	121735	0.437	ng		98
36) Indeno(1,2,3-cd)pyrene	25.822	276	188000	0.351	ng		99
37) Benzo(b)fluoranthene	22.841	252	177192	0.337	ng		100
38) Benzo(k)fluoranthene	22.886	252	169001	0.334	ng	#	97
39) Benzo(a)pyrene	23.423	252	165448	0.348	ng		98
40) Dibenzo(a,h)anthracene	25.843	278	159836	0.352	ng		96
41) Benzo(g,h,i)perylene	26.524	276	152997	0.339	ng		95

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

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