Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016367.D
Acq On : 21 Sep 2021 06:09
Operator : CG/JU
Sample : M3770-05MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
NAPL-5-SIDEWALL-END-POINT-(10-

Manual Integrations APPROVED
mohammad
9/21/2021 11:30:53 AM

Quant Time: Sep 21 06:38:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	26831	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	111253	0.400	ng	#	0.00
13) Acenaphthene-d10	14.307	164	74580	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	141926	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	146261	0.400	ng	#	0.00
35) Perylene-d12	23.522	264	160767	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.328	112	17977	0.267	ng		0.02
5) Phenol-d6	6.868	99	32841	0.402	ng		0.00
8) Nitrobenzene-d5	8.822	82	46870m	0.709	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	68037m	0.388	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	7116	0.325	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	67991	0.233	ng		-0.01
27) Fluoranthene-d10	19.093	212	99301	0.242	ng		0.00
31) Terphenyl-d14	19.708	244	89035	0.263	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	5745	0.515	ng	#	86
3) n-Nitrosodimethylamine	3.631	42	8382	0.328	ng	#	82
6) bis(2-Chloroethyl)ether	7.126	93	29914	0.412	ng	#	19
9) Naphthalene	10.495	128	2009608	6.704	ng		98
10) Hexachlorobutadiene	10.787	225	28107	0.493	ng	#	99
12) 2-Methylnaphthalene	12.114	142	244332	1.230	ng		98
16) Acenaphthylene	14.015	152	103916	0.299	ng	#	93
17) Acenaphthene	14.370	154	80332	0.373	ng		96
18) Fluorene	15.360	166	112339	0.421	ng	#	94
20) 4,6-Dinitro-2-methylph...	15.411	198	482	0.215	ng	#	1
21) 4-Bromophenyl-phenylether	16.251	248	23207	0.279	ng	#	56
22) Hexachlorobenzene	16.360	284	24187	0.308	ng	#	86
23) Atrazine	16.543	200	29462	0.388	ng	#	86
24) Pentachlorophenol	16.713	266	18300	0.693	ng		96
25) Phenanthrene	17.091	178	769824m	1.920	ng		
26) Anthracene	17.188	178	263672	0.679	ng		96
28) Fluoranthene	19.128	202	1572977	3.405	ng		99
30) Pyrene	19.490	202	1409585	3.047	ng	#	94
32) Benzo(a)anthracene	21.238	228	1046144	2.226	ng		97
33) Chrysene	21.291	228	1008034m	2.217	ng		
34) Bis(2-ethylhexyl)phtha...	21.196	149	2857174	11.274	ng		99
36) Indeno(1,2,3-cd)pyrene	25.815	276	738172	1.422	ng		97
37) Benzo(b)fluoranthene	22.841	252	1539724	3.016	ng	#	98
38) Benzo(k)fluoranthene	22.886	252	602739m	1.227	ng		
39) Benzo(a)pyrene	23.419	252	1081032	2.341	ng		98
40) Dibenzo(a,h)anthracene	25.836	278	280415	0.636	ng	#	92
41) Benzo(g,h,i)perylene	26.521	276	640802	1.461	ng		97

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

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