Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016341.D
Acq On : 20 Sep 2021 13:20
Operator : CG/JU
Sample : M3750-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 20 13:49:31 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	7.688	152	25498	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	114465	0.400	ng		0.00
13) Acenaphthene-d10	14.307	164	62261	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	124371	0.400	ng		0.00
29) Chrysene-d12	21.259	240	137528	0.400	ng	#	0.00
35) Perylene-d12	23.522	264	129729	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.328	112	13441	0.210	ng		0.02
5) Phenol-d6	6.868	99	15349	0.198	ng		0.00
8) Nitrobenzene-d5	8.822	82	21334	0.314	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	38333	0.213	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	4638	0.254	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	73504	0.302	ng		0.00
27) Fluoranthene-d10	19.098	212	99055	0.275	ng		0.00
31) Terphenyl-d14	19.708	244	118029	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	5271	0.497	ng	#	95
3) n-Nitrosodimethylamine	3.631	42	7863	0.324	ng	#	77
6) bis(2-Chloroethyl)ether	7.126	93	21233	0.307	ng		94
9) Naphthalene	10.495	128	86980	0.282	ng		99
10) Hexachlorobutadiene	10.787	225	16698	0.285	ng	#	99
12) 2-Methylnaphthalene	12.118	142	58333	0.285	ng		98
16) Acenaphthylene	14.028	152	71782	0.248	ng		99
17) Acenaphthene	14.370	154	50012	0.278	ng		99
18) Fluorene	15.360	166	61707	0.277	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	1547	0.389	ng	#	69
21) 4-Bromophenyl-phenylether	16.263	248	19813	0.272	ng		99
22) Hexachlorobenzene	16.360	284	19414	0.282	ng	#	92
23) Atrazine	16.543	200	15093	0.227	ng		97
24) Pentachlorophenol	16.713	266	7758	0.335	ng		99
25) Phenanthrene	17.103	178	102947	0.293	ng		99
26) Anthracene	17.188	178	92169	0.271	ng		99
28) Fluoranthene	19.127	202	121444	0.300	ng		99
30) Pyrene	19.490	202	125512	0.289	ng		99
32) Benzo(a)anthracene	21.249	228	128072	0.290	ng		99
33) Chrysene	21.291	228	125770	0.294	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	81398	0.342	ng		98
36) Indeno(1,2,3-cd)pyrene	25.819	276	114000	0.272	ng		99
37) Benzo(b)fluoranthene	22.841	252	129670	0.315	ng		100
38) Benzo(k)fluoranthene	22.889	252	125755	0.317	ng	#	97
39) Benzo(a)pyrene	23.423	252	116533	0.313	ng		99
40) Dibenzo(a,h)anthracene	25.843	278	97002	0.273	ng		97
41) Benzo(g,h,i)perylene	26.520	276	92865	0.262	ng		96

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

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