Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016282.D
Acq On : 10 Sep 2021 07:32
Operator : CG/JU
Sample : M3561-24MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE4-11MSD

Quant Time: Sep 10 08:07:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	13277	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	67603	0.400	ng	# 0.00
13) Acenaphthene-d10	14.497	164	50755	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	89895	0.400	ng	# 0.01
29) Chrysene-d12	21.451	240	92680	0.400	ng	# 0.02
35) Perylene-d12	23.847	264	52406	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	6004	0.177	ng	0.02
5) Phenol-d6	7.052	99	4888	0.115	ng	0.02
8) Nitrobenzene-d5	9.013	82	19749	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.247	152	36822	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	7819	0.375	ng	0.01
15) 2-Fluorobiphenyl	13.114	172	52775	0.266	ng	0.00
27) Fluoranthene-d10	19.291	212	80598	0.305	ng	0.02
31) Terphenyl-d14	19.887	244	90882	0.391	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	978	0.208	ng	# 24
6) bis(2-Chloroethyl)ether	7.292	93	12154	0.348	ng	96
9) Naphthalene	10.711	128	62376	0.345	ng	# 94
10) Hexachlorobutadiene	10.990	225	10938	0.297	ng	# 100
12) 2-Methylnaphthalene	12.319	142	47165	0.388	ng	# 91
16) Acenaphthylene	14.205	152	72097	0.317	ng	# 80
17) Acenaphthene	14.548	154	38569	0.262	ng	95
18) Fluorene	15.538	166	53597	0.294	ng	94
20) 4,6-Dinitro-2-methylph...	15.639	198	3526	0.910	ng	# 1
21) 4-Bromophenyl-phenylether	16.434	248	16366	0.340	ng	# 51
22) Hexachlorobenzene	16.555	284	16813	0.292	ng	# 79
23) Atrazine	16.713	200	11387	0.258	ng	# 1
24) Pentachlorophenol	16.920	266	23137	1.882	ng	98
25) Phenanthrene	17.285	178	99657	0.382	ng	# 80
26) Anthracene	17.383	178	167490	0.697	ng	# 96
28) Fluoranthene	19.321	202	104032	0.339	ng	99
30) Pyrene	19.689	202	135567	0.432	ng	95
32) Benzo(a)anthracene	21.429	228	99093	0.343	ng	# 61
33) Chrysene	21.482	228	105748	0.369	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.355	149	88156	0.496	ng	97
36) Indeno(1,2,3-cd)pyrene	26.319	276	33882	0.388	ng	100
37) Benzo(b)fluoranthene	23.115	252	85041	0.420	ng	# 71
38) Benzo(k)fluoranthene	23.163	252	79915	0.443	ng	# 71
39) Benzo(a)pyrene	23.734	252	55855	0.371	ng	# 61
40) Dibenzo(a,h)anthracene	26.332	278	29187	0.438	ng	# 68
41) Benzo(g,h,i)perylene	27.082	276	23154	0.320	ng	# 75

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

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