Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016867.D
Acq On : 09 Oct 2021 06:13
Operator : CG/JU
Sample : PB139657BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139657BSD

Quant Time: Oct 09 07:34:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	22186	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	98011	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	51548	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	100312	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	105157	0.400	ng	0.00
35) Perylene-d12	23.447	264	107874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	19321	0.349	ng	0.00
5) Phenol-d6	6.794	99	21607	0.343	ng	0.00
8) Nitrobenzene-d5	8.759	82	21683	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	51895	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	8198	0.307	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	73602	0.354	ng	-0.01
27) Fluoranthene-d10	19.043	212	96328	0.346	ng	0.00
31) Terphenyl-d14	19.654	244	84727	0.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	3184	0.321	ng	# 72
3) n-Nitrosodimethylamine	3.567	42	6332	0.364	ng	96
6) bis(2-Chloroethyl)ether	7.052	93	22503	0.367	ng	100
9) Naphthalene	10.432	128	94909	0.356	ng	100
10) Hexachlorobutadiene	10.711	225	18348	0.360	ng	# 100
12) 2-Methylnaphthalene	12.047	142	61583	0.361	ng	99
16) Acenaphthylene	13.964	152	76340	0.336	ng	100
17) Acenaphthene	14.307	154	53485	0.354	ng	100
18) Fluorene	15.296	166	65695	0.357	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	1481	0.262	ng	# 72
21) 4-Bromophenyl-phenylether	16.202	248	21437	0.343	ng	# 89
22) Hexachlorobenzene	16.312	284	25290	0.354	ng	99
23) Atrazine	16.482	200	14270	0.287	ng	97
24) Pentachlorophenol	16.652	266	7520	0.326	ng	99
25) Phenanthrene	17.042	178	108791	0.365	ng	100
26) Anthracene	17.127	178	89811	0.339	ng	100
28) Fluoranthene	19.073	202	120974	0.362	ng	100
30) Pyrene	19.435	202	121138	0.375	ng	100
32) Benzo(a)anthracene	21.195	228	116041	0.357	ng	97
33) Chrysene	21.249	228	128725	0.389	ng	97
34) Bis(2-ethylhexyl)phtha...	21.142	149	43682	0.264	ng	100
36) Indeno(1,2,3-cd)pyrene	25.709	276	141245	0.346	ng	99
37) Benzo(b)fluoranthene	22.772	252	128583	0.377	ng	99
38) Benzo(k)fluoranthene	22.817	252	130127	0.392	ng	99
39) Benzo(a)pyrene	23.348	252	114782	0.368	ng	99
40) Dibenzo(a,h)anthracene	25.730	278	114693	0.343	ng	100
41) Benzo(g,h,i)perylene	26.397	276	118839	0.335	ng	99

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

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