Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
Data File : BN029024.D
Acq On : 03 Dec 2023 16:55
Operator : MA/JU
Sample : PB157495BSD
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157495BSD

Quant Time: Dec 04 00:44:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2026	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5637	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3362	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7456	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5652	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	5601	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1953	0.318	ng	0.00
5) Phenol-d6	6.988	99	2253	0.331	ng	0.00
8) Nitrobenzene-d5	8.950	82	2061	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	3961	0.438	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	693	0.305	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	5212	0.359	ng	-0.01
27) Fluoranthene-d10	19.185	212	7450	0.380	ng	0.00
31) Terphenyl-d14	19.794	244	7156	0.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	276	0.139	ng	# 62
3) n-Nitrosodimethylamine	3.709	42	741	0.329	ng	# 99
6) bis(2-Chloroethyl)ether	7.233	93	1644	0.287	ng	96
9) Naphthalene	10.605	128	5470	0.305	ng	98
10) Hexachlorobutadiene	10.883	225	1073	0.293	ng	# 99
12) 2-Methylnaphthalene	12.223	142	3412	0.303	ng	96
16) Acenaphthylene	14.118	152	5650	0.317	ng	99
17) Acenaphthene	14.460	154	3396	0.287	ng	98
18) Fluorene	15.455	166	4980	0.333	ng	98
20) 4,6-Dinitro-2-methylph...	15.545	198	478	0.292	ng	# 80
21) 4-Bromophenyl-phenylether	16.352	248	1532	0.299	ng	98
22) Hexachlorobenzene	16.439	284	1885	0.299	ng	92
23) Atrazine	16.638	200	1528	0.340	ng	97
24) Pentachlorophenol	16.799	266	1745	0.595	ng	98
25) Phenanthrene	17.196	178	8009	0.325	ng	96
26) Anthracene	17.283	178	7225	0.318	ng	99
28) Fluoranthene	19.218	202	9281	0.363	ng	99
30) Pyrene	19.580	202	9468	0.313	ng	99
32) Benzo(a)anthracene	21.338	228	8402	0.350	ng	94
33) Chrysene	21.383	228	8093	0.343	ng	95
34) Bis(2-ethylhexyl)phtha...	21.275	149	6509	0.051	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.044	276	8998	0.369	ng	# 92
37) Benzo(b)fluoranthene	22.968	252	8341	0.364	ng	# 31
38) Benzo(k)fluoranthene	23.015	252	7779	0.360	ng	# 30
39) Benzo(a)pyrene	23.567	252	6861	0.335	ng	# 25
40) Dibenzo(a,h)anthracene	26.070	278	7107	0.376	ng	# 29
41) Benzo(g,h,i)perylene	26.775	276	7442	0.350	ng	# 71

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

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