Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030055.D
Acq On : 26 Feb 2024 13:23
Operator : MA/JU
Sample : P1507-30MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240212MSD

Quant Time: Feb 26 14:08:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5437	0.400	ng	# 0.00
7) Naphthalene-d8	10.648	136	14107	0.400	ng	# 0.00
13) Acenaphthene-d10	14.490	164	6666	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	12387	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	8369	0.400	ng	0.00
35) Perylene-d12	23.812	264	6406	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	2378	0.182	ng	0.00
5) Phenol-d6	7.024	99	2667	0.177	ng	0.00
8) Nitrobenzene-d5	9.014	82	5871	0.500	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	8164	0.425	ng	0.00
14) 2,4,6-Tribromophenol	15.989	330	1045	0.489	ng	-0.01
15) 2-Fluorobiphenyl	13.121	172	13110	0.458	ng	0.00
27) Fluoranthene-d10	19.285	212	15243	0.508	ng	0.00
31) Terphenyl-d14	19.893	244	11457	0.552	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	47201	6.167	ng	# 93
3) n-Nitrosodimethylamine	3.709	42	2693	0.432	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	6475	0.450	ng	# 81
9) Naphthalene	10.690	128	16218	0.404	ng	99
10) Hexachlorobutadiene	10.968	225	2792	0.366	ng	# 99
12) 2-Methylnaphthalene	12.314	142	9982	0.423	ng	98
16) Acenaphthylene	14.212	152	13165	0.416	ng	98
17) Acenaphthene	14.554	154	8699	0.409	ng	97
18) Fluorene	15.542	166	11065	0.415	ng	98
20) 4,6-Dinitro-2-methylph...	15.642	198	396	0.218	ng	# 55
21) 4-Bromophenyl-phenylether	16.448	248	3163	0.429	ng	# 74
22) Hexachlorobenzene	16.548	284	3908	0.432	ng	94
23) Atrazine	16.722	200	2692	0.514	ng	96
24) Pentachlorophenol	16.895	266	3841	1.340	ng	99
25) Phenanthrene	17.293	178	17255	0.471	ng	100
26) Anthracene	17.379	178	10435	0.334	ng	98
28) Fluoranthene	19.313	202	19538	0.474	ng	# 95
30) Pyrene	19.675	202	20672	0.537	ng	100
32) Benzo(a)anthracene	21.438	228	13668	0.478	ng	99
33) Chrysene	21.483	228	16209	0.499	ng	100
34) Bis(2-ethylhexyl)phtha...	21.375	149	42297	2.171	ng	100
36) Indeno(1,2,3-cd)pyrene	26.256	276	16191	0.629	ng	92
37) Benzo(b)fluoranthene	23.095	252	14441	0.631	ng	96
38) Benzo(k)fluoranthene	23.145	252	14592	0.608	ng	97
39) Benzo(a)pyrene	23.712	252	7882	0.395	ng	# 86
40) Dibenzo(a,h)anthracene	26.288	278	13156	0.642	ng	98
41) Benzo(g,h,i)perylene	26.996	276	15113	0.605	ng	98

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

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