Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN029996.D
Acq On : 24 Feb 2024 17:19
Operator : MA/JU
Sample : P1507-29MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240212MS

Quant Time: Feb 26 03:02:25 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	4834	0.400	ng	# 0.00
7) Naphthalene-d8	10.648	136	12713	0.400	ng	# 0.00
13) Acenaphthene-d10	14.490	164	6333	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	12284	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8480	0.400	ng	# 0.00
35) Perylene-d12	23.815	264	6501	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2101	0.181	ng	0.00
5) Phenol-d6	7.031	99	2474	0.185	ng	0.00
8) Nitrobenzene-d5	9.014	82	5323	0.503	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	7547	0.436	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	1092	0.537	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	12129	0.446	ng	0.00
27) Fluoranthene-d10	19.285	212	15120	0.508	ng	0.00
31) Terphenyl-d14	19.893	244	11556	0.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	37854	5.562	ng	# 95
3) n-Nitrosodimethylamine	3.709	42	2368	0.427	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	5717	0.447	ng	# 84
9) Naphthalene	10.701	128	14532	0.401	ng	99
10) Hexachlorobutadiene	10.968	225	2512	0.366	ng	# 99
12) 2-Methylnaphthalene	12.314	142	9139	0.430	ng	98
16) Acenaphthylene	14.212	152	12842	0.427	ng	98
17) Acenaphthene	14.554	154	8323	0.412	ng	97
18) Fluorene	15.542	166	10441	0.412	ng	97
20) 4,6-Dinitro-2-methylph...	15.642	198	460	0.255	ng	# 65
21) 4-Bromophenyl-phenylether	16.448	248	3202	0.438	ng	# 78
22) Hexachlorobenzene	16.548	284	3820	0.426	ng	93
23) Atrazine	16.722	200	2776	0.534	ng	94
24) Pentachlorophenol	16.895	266	3949	1.389	ng	98
25) Phenanthrene	17.293	178	17211	0.474	ng	100
26) Anthracene	17.379	178	11602	0.375	ng	98
28) Fluoranthene	19.317	202	19427	0.476	ng	# 95
30) Pyrene	19.680	202	20593	0.527	ng	100
32) Benzo(a)anthracene	21.438	228	13749	0.475	ng	100
33) Chrysene	21.492	228	16531	0.502	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	43499	2.203	ng	99
36) Indeno(1,2,3-cd)pyrene	26.259	276	15139	0.579	ng	92
37) Benzo(b)fluoranthene	23.098	252	13578	0.584	ng	96
38) Benzo(k)fluoranthene	23.145	252	13932	0.572	ng	98
39) Benzo(a)pyrene	23.712	252	8776	0.433	ng	# 87
40) Dibenzo(a,h)anthracene	26.294	278	12257	0.589	ng	98
41) Benzo(g,h,i)perylene	27.004	276	13574	0.536	ng	98

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

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