Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035282.D
Acq On : 25 Nov 2024 13:16
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 25 14:21:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 14:16:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.315	152	2270	0.400	ng		0.00
7) Naphthalene-d8	10.063	136	5138	0.400	ng		0.00
13) Acenaphthene-d10	13.976	164	2927	0.400	ng		0.00
19) Phenanthrene-d10	16.734	188	6761	0.400	ng		0.00
29) Chrysene-d12	21.008	240	721	0.400	ng		0.00
35) Perylene-d12	23.081	264	4343	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	12319	2.138	ng		0.00
5) Phenol-d6	6.520	99	17485	2.420	ng		0.00
8) Nitrobenzene-d5	8.450	82	14309	3.199	ng		0.00
11) 2-Methylnaphthalene-d10	11.667	152	23828	2.602	ng		0.00
14) 2,4,6-Tribromophenol	15.484	330	5391	2.553	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	1139	0.096	ng		0.00
27) Fluoranthene-d10	18.792	212	66182	3.195	ng		0.00
31) Terphenyl-d14	19.419	244	44092	29.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	4753	2.305	ng	#	77
3) n-Nitrosodimethylamine	3.292	42	5433	2.827	ng	#	85
6) bis(2-Chloroethyl)ether	6.766	93	15869	2.926	ng		100
9) Naphthalene	10.116	128	46866	3.494	ng		98
10) Hexachlorobutadiene	10.415	225	13571	3.452	ng	#	99
12) 2-Methylnaphthalene	11.742	142	32151	3.249	ng		98
16) Acenaphthylene	13.688	152	50280	4.019	ng		99
17) Acenaphthene	14.040	154	32466	3.960	ng		96
18) Fluorene	15.035	166	46490	3.855	ng		99
20) 4,6-Dinitro-2-methylph...	15.131	198	3008	2.137	ng	#	48
21) 4-Bromophenyl-phenylether	15.939	248	14640	3.399	ng		99
22) Hexachlorobenzene	16.051	284	20624	4.614	ng		100
23) Atrazine	16.237	200	6312	1.633	ng	#	92
24) Pentachlorophenol	16.399	266	6031	2.888	ng		97
25) Phenanthrene	16.784	178	73801	4.148	ng		99
26) Anthracene	16.870	178	67705	4.143	ng		100
28) Fluoranthene	18.825	202	102229	4.178	ng		100
30) Pyrene	19.192	202	93180	38.808	ng		99
32) Benzo(a)anthracene	21.017	228	82975	33.051	ng		99
33) Chrysene	21.017	228	82975	33.364	ng		99
34) Bis(2-ethylhexyl)phtha...	21.017	149	1320	1.002	ng	#	84
36) Indeno(1,2,3-cd)pyrene	25.127	276	62075	3.583	ng		97
37) Benzo(b)fluoranthene	22.467	252	69657	4.767	ng	#	91
38) Benzo(k)fluoranthene	22.508	252	72243	4.941	ng	#	91
39) Benzo(a)pyrene	22.990	252	51266	3.987	ng	#	87
40) Dibenzo(a,h)anthracene	25.145	278	48696	3.547	ng		91
41) Benzo(g,h,i)perylene	25.744	276	52706	3.610	ng		94

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

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