Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013313.D
Acq On : 24 Dec 2020 04:52
Operator : CG/JU
Sample : L5123-17MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT180D1-20201214MSD

Quant Time: Dec 24 05:46:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.330	152	765	0.40	ng		0.00
7) Naphthalene-d8	10.087	136	2242	0.40	ng		#-0.01
13) Acenaphthene-d10	13.978	164	1299	0.40	ng		-0.01
19) Phenanthrene-d10	16.751	188	2939	0.40	ng		#-0.01
29) Chrysene-d12	20.982	240	3163	0.40	ng		#-0.01
36) Perylene-d12	23.072	264	3230	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.970	112	284	0.09	ng		0.02
5) Phenol-d6	6.549	99	143	0.04	ng		0.00
8) Nitrobenzene-d5	8.502	82	716	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.693	152	1110	0.28	ng		-0.01
14) 2,4,6-Tribromophenol	15.513	330	196	0.24	ng		-0.01
15) 2-Fluorobiphenyl	12.595	172	1509	0.28	ng		-0.01
27) Fluoranthene-d10	18.803	212	3360	0.35	ng		-0.01
31) Terphenyl-d14	19.419	244	2805	0.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.925	88	4694	3.52	ng		98
3) n-Nitrosodimethylamine	3.271	42	258	0.12	ng	#	77
6) bis(2-Chloroethyl)ether	6.782	93	611	0.31	ng	#	85
9) Naphthalene	10.137	128	1987	0.29	ng	#	94
10) Hexachlorobutadiene	10.403	225	386	0.26	ng	#	97
12) 2-Methylnaphthalene	11.768	142	1290	0.28	ng	#	91
16) Acenaphthylene	13.699	152	2062	0.30	ng		99
17) Acenaphthene	14.042	154	1254	0.29	ng		86
18) Fluorene	15.057	166	1796	0.32	ng		100
20) 4,6-Dinitro-2-methylph...	15.222	198	144	0.36	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	164	0.29	ng	#	80
22) Hexachlorobenzene	16.057	284	601	0.30	ng		96
23) Atrazine	16.252	200	392	0.22	ng	#	82
24) Pentachlorophenol	16.422	266	560	0.66	ng		98
25) Phenanthrene	16.799	178	3254	0.34	ng		98
26) Anthracene	16.897	178	2772	0.33	ng		99
28) Fluoranthene	18.833	202	4454	0.38	ng		99
30) Pyrene	19.205	202	4601	0.37	ng		100
32) Benzo(a)anthracene	20.971	228	3910	0.35	ng		98
33) Chrysene	21.024	228	4861	0.41	ng		98
34) Bis(2-ethylhexyl)phtha...	20.907	149	2628	0.20	ng		97
35) Indeno(1,2,3-cd)pyrene	25.102	276	6028	0.37	ng		96
37) Benzo(b)fluoranthene	22.456	252	4902	0.43	ng	#	93
38) Benzo(k)fluoranthene	22.501	252	5234	0.40	ng	#	92
39) Benzo(a)pyrene	22.983	252	4328	0.38	ng	#	87
40) Dibenzo(a,h)anthracene	25.112	278	4849	0.39	ng	#	87
41) Benzo(g,h,i)perylene	25.722	276	5385	0.41	ng	#	94

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

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