Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016218.D
Acq On : 05 Sep 2021 07:22
Operator : CG/JU
Sample : M3561-24MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE4-11MSD

Quant Time: Sep 06 06:22:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	15895	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	83507	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	63902	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	111740	0.400	ng	# 0.00
29) Chrysene-d12	21.461	240	113810	0.400	ng	# 0.03
35) Perylene-d12	23.854	264	94638	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	7419	0.165	ng	0.02
5) Phenol-d6	7.052	99	6218	0.108	ng	0.02
8) Nitrobenzene-d5	9.025	82	24615	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	46178	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	9664	0.339	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	65456	0.272	ng	0.00
27) Fluoranthene-d10	19.296	212	98970	0.295	ng	0.02
31) Terphenyl-d14	19.892	244	107922	0.375	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	1087	0.214	ng	# 72
6) bis(2-Chloroethyl)ether	7.292	93	14685	0.354	ng	96
9) Naphthalene	10.711	128	76680	0.347	ng	# 95
10) Hexachlorobutadiene	11.002	225	13643	0.303	ng	# 100
12) 2-Methylnaphthalene	12.323	142	58115	0.390	ng	# 91
16) Acenaphthylene	14.218	152	91540	0.319	ng	# 79
17) Acenaphthene	14.561	154	47213	0.260	ng	98
18) Fluorene	15.550	166	80246	0.352	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.639	198	6252	0.830	ng	# 18
21) 4-Bromophenyl-phenylether	16.433	248	19564	0.331	ng	# 38
22) Hexachlorobenzene	16.555	284	20635	0.296	ng	# 71
23) Atrazine	16.713	200	12094	0.202	ng	# 1
24) Pentachlorophenol	16.920	266	30395	1.307	ng	99
25) Phenanthrene	17.298	178	121966	0.390	ng	# 78
26) Anthracene	17.383	178	192000	0.644	ng	# 93
28) Fluoranthene	19.326	202	119856	0.323	ng	97
30) Pyrene	19.689	202	155875	0.420	ng	97
32) Benzo(a)anthracene	21.440	228	121667	0.318	ng	# 63
33) Chrysene	21.493	228	132493	0.357	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.355	149	104873	0.408	ng	97
36) Indeno(1,2,3-cd)pyrene	26.336	276	80443	0.306	ng	100
37) Benzo(b)fluoranthene	23.122	252	127171	0.394	ng	# 78
38) Benzo(k)fluoranthene	23.170	252	121660	0.411	ng	# 77
39) Benzo(a)pyrene	23.748	252	101361	0.353	ng	# 79
40) Dibenzo(a,h)anthracene	26.350	278	68659	0.312	ng	# 86
41) Benzo(g,h,i)perylene	27.099	276	58472	0.264	ng	# 90

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

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