Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037461.D
Acq On : 11 Nov 2022 11:04
Operator : CG/JU
Sample : PB148907TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB148907TB

Quant Time: Nov 11 22:54:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	273529	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1136840	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	799170	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1737073	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1613160	20.000	ng		0.00
86) Perylene-d12	23.721	264	1468275	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2102678	132.808	ng		0.00
7) Phenol-d6	6.993	99	2788506	129.770	ng		0.00
23) Nitrobenzene-d5	8.981	82	1670306	74.128	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1584135	168.204	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	4518649	75.127	ng		0.00
79) Terphenyl-d14	19.827	244	8352623	92.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	172	0.027	ng	#	19
3) Pyridine	3.646	79	433	0.022	ng	#	1
4) n-Nitrosodimethylamine	3.575	42	401	0.047	ng	#	1
6) Aniline	7.134	93	398	0.015	ng	#	1
8) 2-Chlorophenol	7.363	128	295	0.015	ng	#	36
9) Benzaldehyde	6.946	77	683	0.063	ng	#	20
10) Phenol	6.993	94	964	0.040	ng	#	1
11) bis(2-Chloroethyl)ether	7.228	93	361	0.019	ng		77
15) Benzyl Alcohol	8.063	79	318	0.021	ng	#	21
16) 2,2'-oxybis(1-Chloropr...	8.328	45	701	0.025	ng	#	1
17) 2-Methylphenol	8.275	107	116	0.007	ng	#	1
18) Hexachloroethane	8.863	117	61	0.008	ng	#	3
19) n-Nitroso-di-n-propyla...	8.598	70	594	0.113	ng	#	13
20) 3+4-Methylphenols	8.610	107	121	0.006	ng	#	1
22) Acetophenone	8.640	105	521	0.018	ng	#	1
24) Nitrobenzene	8.981	77	6286	0.275	ng	#	36
25) Isophorone	9.604	82	262	0.007	ng	#	65
28) bis(2-Chloroethoxy)met...	10.039	93	73	0.003	ng	#	50
31) Naphthalene	10.628	128	672	0.010	ng	#	69
33) 4-Chloroaniline	10.545	127	74	0.003	ng	#	47
36) 4-Chloro-3-methylphenol	11.969	107	59	0.003	ng	#	17
46) 1,1'-Biphenyl	13.075	154	8403	0.130	ng	#	1
48) 2-Nitroaniline	13.575	65	181	0.012	ng	#	4
49) Acenaphthylene	14.180	152	327	0.004	ng	#	61
50) Dimethylphthalate	13.933	163	200	0.003	ng	#	77
51) 2,6-Dinitrotoluene	14.004	165	65	0.005	ng	#	40
52) Acenaphthene	14.516	154	131	0.003	ng	#	63
53) 3-Nitroaniline	14.457	138	62	0.004	ng	#	1
55) Dibenzofuran	14.874	168	313	0.004	ng	#	46
57) 2,4-Dinitrotoluene	14.810	165	73	0.004	ng	#	22
58) Fluorene	15.510	166	297	0.005	ng	#	9
60) Diethylphthalate	15.274	149	4000	0.067	ng		95
63) Azobenzene	15.786	77	940	0.016	ng	#	66
66) n-Nitrosodiphenylamine	15.945	169	45318	0.772	ng	#	42
67) 4-Bromophenyl-phenylether	16.110	248	65	0.003	ng	#	1
68) Hexachlorobenzene	16.504	284	113	0.005	ng	#	1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Phenanthrene	17.239	178	1546	0.014	ng	#	88
72) Anthracene	17.333	178	1425	0.014	ng	#	59
73) Carbazole	17.645	167	328	0.004	ng	#	59
74) Di-n-butylphthalate	18.168	149	6531	0.063	ng	#	94
75) Fluoranthene	19.262	202	3535	0.031	ng		72
77) Benzidine	19.462	184	127	0.005	ng	#	1
78) Pyrene	19.627	202	5050	0.041	ng	#	82
80) Butylbenzylphthalate	20.262	149	330	0.007	ng		94
81) Benzo(a)anthracene	21.374	228	6084	0.053	ng	#	81
82) 3,3'-Dichlorobenzidine	21.286	252	312	0.009	ng	#	46
83) Chrysene	21.421	228	2476	0.022	ng	#	61
84) Bis(2-ethylhexyl)phtha...	21.292	149	5183	0.087	ng	#	95
85) Di-n-octyl phthalate	22.197	149	3443	0.037	ng	#	74
87) Indeno(1,2,3-cd)pyrene	26.150	276	649	0.005	ng	#	59
88) Benzo(b)fluoranthene	23.021	252	2549	0.025	ng	#	1
89) Benzo(k)fluoranthene	23.056	252	1590	0.015	ng	#	1
90) Benzo(a)pyrene	23.609	252	1992	0.024	ng	#	1
91) Dibenzo(a,h)anthracene	26.168	278	267	0.003	ng	#	1
92) Benzo(g,h,i)perylene	26.874	276	734	0.008	ng	#	24

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

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