Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037482.D
Acq On : 12 Nov 2022 00:19
Operator : CG/JU
Sample : N5530-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-09

Quant Time: Nov 12 01:31:24 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	218227	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	833364	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	460026	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	843991	20.000	ng		0.00
76) Chrysene-d12	21.380	240	769550	20.000	ng		0.00
86) Perylene-d12	23.715	264	827653	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1798255	142.363	ng		0.00
7) Phenol-d6	6.987	99	2206286	128.694	ng		0.00
23) Nitrobenzene-d5	8.975	82	1355278	82.050	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	792687	146.218	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	2929760	84.620	ng		0.00
79) Terphenyl-d14	19.821	244	4094113	95.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	392	0.076	ng	#	1
3) Pyridine	3.663	79	194	0.013	ng	#	1
4) n-Nitrosodimethylamine	3.622	42	215	0.032	ng	#	1
6) Aniline	7.140	93	124	0.006	ng	#	1
8) 2-Chlorophenol	7.392	128	264	0.017	ng	#	48
9) Benzaldehyde	6.987	77	4743	0.547	ng	#	7
10) Phenol	7.010	94	16080	0.837	ng	#	44
11) bis(2-Chloroethyl)ether	7.234	93	56	0.004	ng	#	19
15) Benzyl Alcohol	8.034	79	170	0.014	ng	#	27
16) 2,2'-oxybis(1-Chloropr...	8.357	45	430	0.020	ng	#	1
17) 2-Methylphenol	8.328	107	55	0.004	ng	#	1
18) Hexachloroethane	8.875	117	53	0.009	ng	#	3
19) n-Nitroso-di-n-propyla...	8.645	70	212	0.091	ng	#	1
20) 3+4-Methylphenols	8.675	107	54	0.003	ng	#	1
22) Acetophenone	8.651	105	2245	0.104	ng	#	36
24) Nitrobenzene	8.975	77	4279	0.256	ng	#	36
25) Isophorone	9.534	82	472	0.017	ng	#	65
28) bis(2-Chloroethoxy)met...	10.051	93	63	0.004	ng	#	22
31) Naphthalene	10.645	128	448	0.009	ng	#	69
46) 1,1'-Biphenyl	13.069	154	6077	0.164	ng	#	1
48) 2-Nitroaniline	13.516	65	123	0.014	ng	#	4
49) Acenaphthylene	14.174	152	581	0.013	ng	#	61
50) Dimethylphthalate	13.927	163	2294	0.065	ng	#	77
51) 2,6-Dinitrotoluene	13.974	165	775	0.104	ng	#	22
52) Acenaphthene	14.445	154	1459	0.051	ng	#	4
55) Dibenzofuran	14.863	168	267	0.006	ng	#	46
57) 2,4-Dinitrotoluene	14.845	165	59	0.006	ng	#	22
58) Fluorene	15.498	166	132	0.004	ng	#	9
60) Diethylphthalate	15.274	149	11233	0.329	ng	#	95
63) Azobenzene	15.757	77	191	0.006	ng	#	54
66) n-Nitrosodiphenylamine	15.939	169	23535	0.825	ng	#	40
71) Phenanthrene	17.239	178	3613	0.069	ng	#	93
72) Anthracene	17.333	178	1813	0.037	ng		95
73) Carbazole	17.627	167	936	0.021	ng	#	59
74) Di-n-butylphthalate	18.168	149	11597	0.231	ng	#	98
75) Fluoranthene	19.256	202	5897	0.107	ng		76

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Benzidine	19.521	184	63	0.005	ng	#	68
78) Pyrene	19.621	202	5682	0.096	ng	#	91
80) Butylbenzylphthalate	20.650	149	328	0.016	ng		91
81) Benzo(a)anthracene	21.374	228	6351	0.116	ng		96
82) 3,3'-Dichlorobenzidine	21.297	252	352	0.022	ng	#	66
83) Chrysene	21.421	228	5092	0.096	ng		93
84) Bis(2-ethylhexyl)phtha...	21.292	149	5384	0.190	ng	#	90
85) Di-n-octyl phthalate	22.192	149	1693	0.038	ng	#	1
87) Indeno(1,2,3-cd)pyrene	26.144	276	9067	0.134	ng	#	78
88) Benzo(b)fluoranthene	23.009	252	6521	0.113	ng	#	1
90) Benzo(a)pyrene	23.609	252	4721	0.101	ng	#	1
91) Dibenzo(a,h)anthracene	26.162	278	5563	0.099	ng	#	51
92) Benzo(g,h,i)perylene	26.879	276	9312	0.170	ng	#	89

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

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