Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037480.D
Acq On : 11 Nov 2022 23:07
Operator : CG/JU
Sample : N5530-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-11

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Quant Time: Nov 12 00:42:22 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	223142	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	852669	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	485357	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	910422	20.000	ng		0.00
76) Chrysene-d12	21.380	240	870453	20.000	ng		0.00
86) Perylene-d12	23.721	264	973770	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1826349	141.402	ng		0.00
7) Phenol-d6	6.987	99	2297491	131.062	ng		0.00
23) Nitrobenzene-d5	8.975	82	1408656	83.350	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	907356	158.635	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	3153980	86.342	ng		0.00
79) Terphenyl-d14	19.821	244	4464586	91.978	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	65	0.012	ng	#	1
3) Pyridine	3.675	79	153	0.010	ng	#	1
4) n-Nitrosodimethylamine	3.575	42	252	0.037	ng	#	1
6) Aniline	7.146	93	376	0.018	ng	#	1
8) 2-Chlorophenol	7.387	128	122	0.008	ng	#	23
9) Benzaldehyde	6.981	77	4314	0.486	ng	#	6
10) Phenol	7.010	94	13599	0.692	ng	#	17
11) bis(2-Chloroethyl)ether	7.246	93	173	0.011	ng	#	63
15) Benzyl Alcohol	8.075	79	360	0.029	ng	#	49
16) 2,2'-oxybis(1-Chloropr...	8.340	45	174	0.008	ng	#	1
17) 2-Methylphenol	8.193	107	57	0.004	ng	#	1
18) Hexachloroethane	8.869	117	114	0.018	ng	#	3
19) n-Nitroso-di-n-propyla...	8.622	70	531	0.117	ng	#	1
20) 3+4-Methylphenols	8.687	107	62	0.004	ng	#	1
22) Acetophenone	8.645	105	1493	0.067	ng	#	1
24) Nitrobenzene	9.045	77	190	0.011	ng	#	29
25) Isophorone	9.528	82	199	0.007	ng	#	65
27) 2,4-Dimethylphenol	9.957	122	6762	0.594	ng	#	4
28) bis(2-Chloroethoxy)met...	10.039	93	120	0.007	ng	#	50
31) Naphthalene	10.657	128	646	0.013	ng	#	69
32) Benzoic acid	9.957	122	18716m	8.521	ng		
33) 4-Chloroaniline	10.928	127	60	0.003	ng	#	18
35) Caprolactam	11.651	113	74	0.019	ng	#	32
36) 4-Chloro-3-methylphenol	11.963	107	240	0.018	ng	#	17
46) 1,1'-Biphenyl	13.069	154	6168	0.157	ng	#	1
48) 2-Nitroaniline	13.551	65	74	0.008	ng	#	4
49) Acenaphthylene	14.169	152	788	0.016	ng	#	61
50) Dimethylphthalate	13.927	163	2307	0.062	ng	#	77
51) 2,6-Dinitrotoluene	14.039	165	53	0.007	ng	#	22
52) Acenaphthene	14.527	154	78	0.003	ng	#	4
55) Dibenzofuran	14.857	168	644	0.014	ng	#	76
56) 4-Nitrophenol	14.857	139	119	0.017	ng	#	61
57) 2,4-Dinitrotoluene	14.751	165	59	0.006	ng	#	22
58) Fluorene	15.498	166	445	0.012	ng	#	81
60) Diethylphthalate	15.274	149	11061	0.307	ng		97
61) 4-Chlorophenyl-phenyle...	15.498	204	79	0.004	ng	#	41

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) Azobenzene	15.780	77	345	0.010	ng	#	64
66) n-Nitrosodiphenylamine	15.939	169	25904	0.842	ng	#	47
67) 4-Bromophenyl-phenylether	16.392	248	54	0.005	ng	#	1
68) Hexachlorobenzene	16.492	284	122	0.010	ng	#	42
70) Pentachlorophenol	16.874	266	323	0.045	ng	#	24
71) Phenanthrene	17.239	178	4492	0.080	ng	#	86
72) Anthracene	17.333	178	1704	0.032	ng	#	82
73) Carbazole	17.639	167	1211	0.025	ng	#	52
74) Di-n-butylphthalate	18.168	149	12316	0.227	ng	#	98
75) Fluoranthene	19.262	202	6976	0.117	ng		100
77) Benzidine	19.498	184	126	0.010	ng	#	1
78) Pyrene	19.621	202	7634	0.114	ng		93
80) Butylbenzylphthalate	20.439	149	351	0.015	ng		86
81) Benzo(a)anthracene	21.368	228	7006	0.113	ng	#	91
82) 3,3'-Dichlorobenzidine	21.321	252	674	0.037	ng	#	57
83) Chrysene	21.415	228	6353	0.106	ng	#	88
84) Bis(2-ethylhexyl)phtha...	21.298	149	4448	0.139	ng	#	89
85) Di-n-octyl phthalate	22.198	149	2144	0.042	ng	#	67
87) Indeno(1,2,3-cd)pyrene	26.138	276	14472	0.182	ng	#	68
88) Benzo(b)fluoranthene	23.015	252	6851	0.101	ng	#	30
89) Benzo(k)fluoranthene	23.062	252	4024	0.058	ng	#	12
90) Benzo(a)pyrene	23.609	252	6229	0.113	ng	#	15
91) Dibenzo(a,h)anthracene	26.150	278	11469	0.173	ng	#	82
92) Benzo(g,h,i)perylene	26.885	276	16234	0.252	ng	#	84

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

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