Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111222\
Data File : BM037494.D
Acq On : 12 Nov 2022 15:56
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 14 00:38:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 00:33:11 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	194274	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	822475	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	533536	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1114602	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1331615	20.000	ng		0.00
86) Perylene-d12	23.715	264	1404211	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1223750	108.826	ng		0.00
7) Phenol-d6	6.981	99	1822505	119.415	ng		0.00
23) Nitrobenzene-d5	8.975	82	2025562	124.253	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	983171	156.368	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	4880749	121.548	ng		0.00
79) Terphenyl-d14	19.821	244	8520136	114.740	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	237140	51.500	ng		99
3) Pyridine	3.657	79	780111m	56.866	ng		
4) n-Nitrosodimethylamine	3.575	42	344740	57.495	ng		100
6) Aniline	7.139	93	1138027	60.995	ng		98
8) 2-Chlorophenol	7.363	128	850182	62.119	ng		98
9) Benzaldehyde	6.945	77	473507	61.293	ng		99
10) Phenol	7.010	94	1020141	59.654	ng		100
11) bis(2-Chloroethyl)ether	7.234	93	797434	58.161	ng		99
12) 1,3-Dichlorobenzene	7.686	146	882901	59.035	ng		99
13) 1,4-Dichlorobenzene	7.834	146	914852	59.302	ng		99
14) 1,2-Dichlorobenzene	8.151	146	893615	60.313	ng		99
15) Benzyl Alcohol	8.057	79	719752	65.964	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	1149242	58.794	ng		100
17) 2-Methylphenol	8.257	107	731116	65.419	ng		99
18) Hexachloroethane	8.869	117	339964	62.488	ng		98
19) n-Nitroso-di-n-propyla...	8.622	70	703047	66.973	ng		98
20) 3+4-Methylphenols	8.592	107	1036262	67.505	ng		100
22) Acetophenone	8.639	105	1337611	62.571	ng	#	98
24) Nitrobenzene	9.016	77	1018688	61.636	ng		98
25) Isophorone	9.545	82	1819025	66.764	ng		100
26) 2-Nitrophenol	9.722	139	500073	67.587	ng		99
27) 2,4-Dimethylphenol	9.792	122	697614	63.531	ng		98
28) bis(2-Chloroethoxy)met...	10.028	93	1036356	61.136	ng		99
29) 2,4-Dichlorophenol	10.257	162	842022	66.802	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	886953	62.051	ng		99
31) Naphthalene	10.651	128	2843469	61.021	ng		100
32) Benzoic acid	9.975	122	671097	75.330	ng		98
33) 4-Chloroaniline	10.780	127	1200619	64.684	ng		99
34) Hexachlorobutadiene	10.922	225	512808	64.248	ng		99
35) Caprolactam	11.604	113	300813	78.500	ng		98
36) 4-Chloro-3-methylphenol	11.910	107	894724	68.880	ng		100
37) 2-Methylnaphthalene	12.269	142	2042751	64.702	ng		100
38) 1-Methylnaphthalene	12.486	142	2012012	65.222	ng		100
40) 1,2,4,5-Tetrachloroben...	12.633	216	985448	61.430	ng		100
41) Hexachlorocyclopentadiene	12.604	237	448672	58.703	ng		99
43) 2,4,6-Trichlorophenol	12.880	196	722956	65.466	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.957	196	812230	66.674	ng	99
46)	1,1'-Biphenyl	13.280	154	2560081	59.460	ng	99
47)	2-Chloronaphthalene	13.321	162	2065606	60.287	ng	100
48)	2-Nitroaniline	13.545	65	667435	67.409	ng	99
49)	Acenaphthylene	14.168	152	3321310	62.446	ng	100
50)	Dimethylphthalate	13.921	163	2649812	65.022	ng	99
51)	2,6-Dinitrotoluene	14.045	165	587486	68.074	ng	97
52)	Acenaphthene	14.515	154	2024334	61.564	ng	99
53)	3-Nitroaniline	14.374	138	664185	68.890	ng	100
54)	2,4-Dinitrophenol	14.586	184	366294	76.309	ng	98
55)	Dibenzofuran	14.851	168	3203633	63.256	ng	98
56)	4-Nitrophenol	14.692	139	531483	69.101	ng	98
57)	2,4-Dinitrotoluene	14.833	165	838703	73.855	ng	99
58)	Fluorene	15.498	166	2756870	65.215	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.074	232	714173	69.945	ng	100
60)	Diethylphthalate	15.280	149	2689852	67.911	ng	99
61)	4-Chlorophenyl-phenyle...	15.492	204	1292601	66.092	ng	99
62)	4-Nitroaniline	15.545	138	642784	66.476	ng	98
63)	Azobenzene	15.786	77	2526157	64.741	ng	99
65)	4,6-Dinitro-2-methylph...	15.592	198	496826	69.377	ng	99
66)	n-Nitrosodiphenylamine	15.715	169	2260739	60.007	ng	99
67)	4-Bromophenyl-phenylether	16.386	248	791106	63.248	ng	99
68)	Hexachlorobenzene	16.492	284	985516	65.106	ng	99
69)	Atrazine	16.668	200	626623	66.104	ng	100
70)	Pentachlorophenol	16.845	266	609449	69.193	ng	99
71)	Phenanthrene	17.239	178	4285055	61.966	ng	100
72)	Anthracene	17.327	178	4209149	64.296	ng	100
73)	Carbazole	17.609	167	3907553	65.071	ng	100
74)	Di-n-butylphthalate	18.162	149	4804564	72.458	ng	100
75)	Fluoranthene	19.256	202	5247407	71.787	ng	99
77)	Benzidine	19.450	184	1353774	68.179	ng	99
78)	Pyrene	19.615	202	5520907	53.917	ng	100
80)	Butylbenzylphthalate	20.521	149	2416279	66.075	ng	93
81)	Benzo(a)anthracene	21.362	228	5882844	62.054	ng	100
82)	3,3'-Dichlorobenzidine	21.303	252	1974912	70.928	ng	100
83)	Chrysene	21.421	228	5580096	61.094	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.291	149	3537311	72.072	ng	99
85)	Di-n-octyl phthalate	22.197	149	5992603	77.527	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.144	276	7657021	66.598	ng	99
88)	Benzo(b)fluoranthene	23.009	252	6006392	61.612	ng	99
89)	Benzo(k)fluoranthene	23.056	252	6076654	61.109	ng	99
90)	Benzo(a)pyrene	23.621	252	5021594	63.220	ng	100
91)	Dibenzo(a,h)anthracene	26.156	278	6422179	67.263	ng	100
92)	Benzo(g,h,i)perylene	26.891	276	6013385	64.712	ng	99

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

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