Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111722\
Data File : BP012660.D
Acq On : 17 Nov 2022 13:21
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 17 23:33:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 23:28:47 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	345145	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	1465657	20.000	ng		0.00
39) Acenaphthene-d10	14.681	164	970814	20.000	ng		0.00
64) Phenanthrene-d10	17.434	188	2147046	20.000	ng		0.00
76) Chrysene-d12	21.522	240	2087451	20.000	ng		0.00
86) Perylene-d12	24.045	264	2288042	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	2238070	120.744	ng		0.00
7) Phenol-d6	7.187	99	3149576	122.417	ng		0.00
23) Nitrobenzene-d5	9.210	82	3019260	114.286	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	1378923	104.046	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	7368360	115.221	ng		0.00
79) Terphenyl-d14	19.980	244	10719858	104.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	433328	54.494	ng		99
3) Pyridine	3.852	79	1476304m	63.690	ng		
4) n-Nitrosodimethylamine	3.764	42	611859	71.309	ng		97
6) Aniline	7.363	93	2024088	62.173	ng		100
8) 2-Chlorophenol	7.599	128	1392136	59.305	ng		99
9) Benzaldehyde	7.175	77	789792	48.667	ng		98
10) Phenol	7.216	94	1779609	61.224	ng		99
11) bis(2-Chloroethyl)ether	7.463	93	1388450	57.766	ng		99
12) 1,3-Dichlorobenzene	7.928	146	1520410	58.779	ng		99
13) 1,4-Dichlorobenzene	8.081	146	1555179	58.745	ng		99
14) 1,2-Dichlorobenzene	8.399	146	1480233	58.759	ng		99
15) Benzyl Alcohol	8.281	79	1236215	64.200	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.575	45	1931230	61.868	ng		100
17) 2-Methylphenol	8.475	107	1238389	61.833	ng		100
18) Hexachloroethane	9.134	117	531633	56.155	ng		98
19) n-Nitroso-di-n-propyla...	8.857	70	1075018	57.559	ng		100
20) 3+4-Methylphenols	8.810	107	1758660	62.477	ng		98
22) Acetophenone	8.869	105	2131838	58.404	ng	#	99
24) Nitrobenzene	9.252	77	1597215	58.073	ng		100
25) Isophorone	9.781	82	3154163	63.553	ng		100
26) 2-Nitrophenol	9.963	139	773913	58.626	ng		99
27) 2,4-Dimethylphenol	10.022	122	1239697	62.860	ng		99
28) bis(2-Chloroethoxy)met...	10.269	93	1788588	58.162	ng		100
29) 2,4-Dichlorophenol	10.499	162	1497184	64.084	ng		99
30) 1,2,4-Trichlorobenzene	10.722	180	1550933	61.257	ng		100
31) Naphthalene	10.916	128	4752447	59.686	ng		100
32) Benzoic acid	10.175	122	1081545	58.489	ng		99
33) 4-Chloroaniline	11.016	127	2053018	61.818	ng		99
34) Hexachlorobutadiene	11.199	225	915487	57.152	ng		98
35) Caprolactam	11.804	113	517008m	66.208	ng		
36) 4-Chloro-3-methylphenol	12.128	107	1581741	59.984	ng		99
37) 2-Methylnaphthalene	12.516	142	3425578	60.021	ng		100
38) 1-Methylnaphthalene	12.734	142	3333589	59.697	ng		100
40) 1,2,4,5-Tetrachloroben...	12.875	216	1707538	59.029	ng		100
41) Hexachlorocyclopentadiene	12.857	237	726261	56.457	ng		99
43) 2,4,6-Trichlorophenol	13.110	196	1259505	61.985	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.181	196	1387239	61.163	ng	98
46)	1,1'-Biphenyl	13.516	154	4244140	59.033	ng	99
47)	2-Chloronaphthalene	13.557	162	3401870	60.287	ng	99
48)	2-Nitroaniline	13.757	65	878202	51.459	ng	96
49)	Acenaphthylene	14.404	152	5606618	62.570	ng	100
50)	Dimethylphthalate	14.140	163	4540432	59.182	ng	100
51)	2,6-Dinitrotoluene	14.251	165	955771	58.418	ng	97
52)	Acenaphthene	14.745	154	3586544	65.757	ng	99
53)	3-Nitroaniline	14.581	138	1088762	61.833	ng	97
54)	2,4-Dinitrophenol	14.781	184	530877	51.922	ng	95
55)	Dibenzofuran	15.075	168	5283434	61.289	ng	100
56)	4-Nitrophenol	14.869	139	934166	63.835	ng	96
57)	2,4-Dinitrotoluene	15.034	165	1305301	61.905	ng	100
58)	Fluorene	15.728	166	4003603	58.834	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.298	232	1238757	59.300	ng	99
60)	Diethylphthalate	15.504	149	4522023	58.878	ng	99
61)	4-Chlorophenyl-phenyle...	15.722	204	1977305	58.621	ng	99
62)	4-Nitroaniline	15.745	138	1058283	62.591	ng	99
63)	Azobenzene	16.016	77	3992385	57.990	ng	98
65)	4,6-Dinitro-2-methylph...	15.798	198	741205	50.811	ng	96
66)	n-Nitrosodiphenylamine	15.934	169	3735921	58.989	ng	100
67)	4-Bromophenyl-phenylether	16.622	248	1345046	55.730	ng	97
68)	Hexachlorobenzene	16.734	284	1560747	54.175	ng	99
69)	Atrazine	16.886	200	1092230	49.459	ng	100
70)	Pentachlorophenol	17.075	266	1085179	61.064	ng	100
71)	Phenanthrene	17.475	178	7042805	59.507	ng	99
72)	Anthracene	17.569	178	6871987	60.518	ng	100
73)	Carbazole	17.834	167	6505001	61.174	ng	100
74)	Di-n-butylphthalate	18.386	149	7678056	57.820	ng	100
75)	Fluoranthene	19.433	202	8420716	60.709	ng	99
77)	Benzidine	19.604	184	2113939	45.902	ng	99
78)	Pyrene	19.786	202	8685139	60.311	ng	99
80)	Butylbenzylphthalate	20.663	149	2259305	37.043	ng	93
81)	Benzo(a)anthracene	21.504	228	8704945	62.365	ng	98
82)	3,3'-Dichlorobenzidine	21.427	252	2480688	52.045	ng	99
83)	Chrysene	21.563	228	8114820	60.994	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.427	149	3734296	44.766	ng	99
85)	Di-n-octyl phthalate	22.404	149	7612876	54.101	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.715	276	10479909	64.635	ng	99
88)	Benzo(b)fluoranthene	23.274	252	8890183	60.396	ng	99
89)	Benzo(k)fluoranthene	23.327	252	8901648	61.978	ng	98
90)	Benzo(a)pyrene	23.939	252	7701814	64.073	ng	99
91)	Dibenzo(a,h)anthracene	26.745	278	8586679	63.358	ng	99
92)	Benzo(g,h,i)perylene	27.533	276	8456536	63.903	ng	99

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

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