Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
Data File : BP008979.D
Acq On : 01 Feb 2022 10:48
Operator : CG/JU
Sample : SSTDDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

Quant Time: Feb 01 14:04:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	238979	20.000	ng		0.00
21) Naphthalene-d8	10.628	136	841944	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	470982	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	855125	20.000	ng		-0.01
76) Chrysene-d12	21.316	240	880992	20.000	ng		-0.01
86) Perylene-d12	23.722	264	1053991	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	1243531	80.468	ng		0.00
7) Phenol-d6	7.011	99	1461711	78.110	ng		0.00
23) Nitrobenzene-d5	8.987	82	1247645	84.131	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	528852	77.141	ng		-0.01
45) 2-Fluorobiphenyl	13.093	172	2981893	83.492	ng		0.00
79) Terphenyl-d14	19.786	244	3856441	73.888	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	252724	40.404	ng		97
3) Pyridine	3.728	79	555370	42.393	ng		95
4) n-Nitrosodimethylamine	3.634	42	255363	41.547	ng		87
6) Aniline	7.158	93	919641	39.373	ng		98
8) 2-Chlorophenol	7.393	128	650160	39.503	ng		97
9) Benzaldehyde	6.969	77	457978	36.617	ng		98
10) Phenol	7.034	94	746191	39.112	ng		94
11) bis(2-Chloroethyl)ether	7.252	93	589287	38.822	ng		98
12) 1,3-Dichlorobenzene	7.716	146	774599	39.520	ng		98
13) 1,4-Dichlorobenzene	7.864	146	782371	39.385	ng		100
14) 1,2-Dichlorobenzene	8.181	146	739240	39.028	ng		99
15) Benzyl Alcohol	8.075	79	503930	38.384	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.358	45	655511	38.616	ng		99
17) 2-Methylphenol	8.281	107	485799	38.008	ng		97
18) Hexachloroethane	8.905	117	273317	40.538	ng		99
19) n-Nitroso-di-n-propyla...	8.640	70	408559	37.348	ng		96
20) 3+4-Methylphenols	8.611	107	647052	38.135	ng		99
22) Acetophenone	8.652	105	881937	41.120	ng	#	95
24) Nitrobenzene	9.028	77	629760	42.041	ng		96
25) Isophorone	9.558	82	1056256	39.412	ng		98
26) 2-Nitrophenol	9.746	139	331334	42.073	ng		93
27) 2,4-Dimethylphenol	9.810	122	538509	40.105	ng		97
28) bis(2-Chloroethoxy)met...	10.040	93	689855	39.446	ng		99
29) 2,4-Dichlorophenol	10.287	162	585539	39.961	ng		99
30) 1,2,4-Trichlorobenzene	10.493	180	690258	40.216	ng		99
31) Naphthalene	10.675	128	1838235	40.198	ng		100
32) Benzoic acid	9.981	122	305919	39.700	ng		98
33) 4-Chloroaniline	10.793	127	736412	39.518	ng		98
34) Hexachlorobutadiene	10.963	225	429011	40.006	ng		99
35) Caprolactam	11.587	113	150862	37.349	ng		94
36) 4-Chloro-3-methylphenol	11.934	107	506113	38.287	ng		99
37) 2-Methylnaphthalene	12.293	142	1290072	38.591	ng		99
38) 1-Methylnaphthalene	12.510	142	1182860	38.549	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	726885	42.329	ng		99
41) Hexachlorocyclopentadiene	12.640	237	352555	40.123	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	438005	41.253	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.987	196	468394	40.988	ng		97
46)	1,1'-Biphenyl	13.304	154	1591556	41.535	ng		100
47)	2-Chloronaphthalene	13.346	162	1239426	41.948	ng		100
48)	2-Nitroaniline	13.551	65	282108	43.001	ng		95
49)	Acenaphthylene	14.193	152	1851550	41.477	ng		99
50)	Dimethylphthalate	13.928	163	1362449	38.950	ng		100
51)	2,6-Dinitrotoluene	14.051	165	299412	40.359	ng		92
52)	Acenaphthene	14.534	154	1082779	40.896	ng		99
53)	3-Nitroaniline	14.381	138	299514	41.052	ng		99
54)	2,4-Dinitrophenol	14.604	184	120739	40.242	ng		94
55)	Dibenzofuran	14.869	168	1742622	40.392	ng		98
56)	4-Nitrophenol	14.722	139	204229	38.873	ng		92
57)	2,4-Dinitrotoluene	14.845	165	390743	40.949	ng	#	90
58)	Fluorene	15.522	166	1369051	40.176	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.104	232	373131m	39.639	ng		
60)	Diethylphthalate	15.293	149	1269597	38.253	ng		97
61)	4-Chlorophenyl-phenyle...	15.510	204	725415	39.079	ng		96
62)	4-Nitroaniline	15.545	138	298733	42.277	ng		88
63)	Azobenzene	15.804	77	1122816	40.748	ng		93
65)	4,6-Dinitro-2-methylph...	15.616	198	191839	44.903	ng		93
66)	n-Nitrosodiphenylamine	15.728	169	1154768	41.958	ng		99
67)	4-Bromophenyl-phenylether	16.410	248	435769	40.811	ng		98
68)	Hexachlorobenzene	16.534	284	490767	40.109	ng		97
69)	Atrazine	16.687	200	415078	40.585	ng		98
70)	Pentachlorophenol	16.887	266	276429	42.412	ng		100
71)	Phenanthrene	17.269	178	2011750	41.784	ng		99
72)	Anthracene	17.357	178	2045176	42.344	ng		100
73)	Carbazole	17.634	167	1802183	43.395	ng		98
74)	Di-n-butylphthalate	18.181	149	2048620	40.990	ng		99
75)	Fluoranthene	19.239	202	2286898	42.713	ng		96
77)	Benzidine	19.416	184	1347847	43.306	ng		98
78)	Pyrene	19.592	202	2366144	38.492	ng		98
80)	Butylbenzylphthalate	20.463	149	928081	37.539	ng		98
81)	Benzo(a)anthracene	21.304	228	2409521	40.654	ng		98
82)	3,3'-Dichlorobenzidine	21.233	252	1070166	41.794	ng		98
83)	Chrysene	21.357	228	2363963	41.144	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.228	149	1386002	36.201	ng		97
85)	Di-n-octyl phthalate	22.151	149	2519052	38.894	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.245	276	3702005	42.625	ng		98
88)	Benzo(b)fluoranthene	22.992	252	2763446	39.260	ng		98
89)	Benzo(k)fluoranthene	23.039	252	2711280	39.793	ng		97
90)	Benzo(a)pyrene	23.622	252	2822537	41.544	ng		98
91)	Dibenzo(a,h)anthracene	26.257	278	3098520	41.956	ng		98
92)	Benzo(g,h,i)perylene	27.015	276	3111590	43.153	ng		98

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

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