Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
Data File : BF127328.D
Acq On : 15 Mar 2022 17:06
Operator : CG\JU
Sample : PB143311BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 05:29:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB143311BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	115101	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	418775	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	237667	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	423141	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	287761	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	220352	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	838553	117.117	ng		0.02
7) Phenol-d6	6.510	99	1147394	116.491	ng		0.00
23) Nitrobenzene-d5	7.439	82	811090	79.987	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	302331	118.169	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1342907	79.884	ng		0.00
79) Terphenyl-d14	12.992	244	1477048	88.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	122238	32.926	ng	#	82
3) Pyridine	3.546	79	332433	33.650	ng	#	79
4) n-Nitrosodimethylamine	3.516	42	222011	40.560	ng	#	64
6) Aniline	6.534	93	415864	35.329	ng		92
8) 2-Chlorophenol	6.657	128	331462	44.749	ng		95
9) Benzaldehyde	6.422	77	222155	44.378	ng		92
10) Phenol	6.522	94	444365	41.069	ng		79
11) bis(2-Chloroethyl)ether	6.610	93	354361	44.102	ng		93
12) 1,3-Dichlorobenzene	6.810	146	345553	41.560	ng		97
13) 1,4-Dichlorobenzene	6.887	146	354267	42.472	ng		98
14) 1,2-Dichlorobenzene	7.039	146	335661	42.757	ng		98
15) Benzyl Alcohol	7.016	79	323121	43.768	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.139	45	628684	41.693	ng		98
17) 2-Methylphenol	7.128	107	273329	43.407	ng	#	88
18) Hexachloroethane	7.375	117	136918	42.732	ng	#	82
19) n-Nitroso-di-n-propyla...	7.287	70	262685	42.737	ng		89
20) 3+4-Methylphenols	7.281	107	319834	39.165	ng		90
22) Acetophenone	7.281	105	448388	39.106	ng	#	79
24) Nitrobenzene	7.457	77	407405	42.478	ng		94
25) Isophorone	7.692	82	757572	46.462	ng	#	97
26) 2-Nitrophenol	7.769	139	171870	43.272	ng	#	75
27) 2,4-Dimethylphenol	7.810	122	297401m	49.880	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	442605	42.841	ng		98
29) 2,4-Dichlorophenol	8.016	162	287148	42.053	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	329201	42.289	ng		98
31) Naphthalene	8.175	128	942244	42.179	ng		100
32) Benzoic acid	7.957	122	149905	37.803	ng	#	85
33) 4-Chloroaniline	8.222	127	160617	18.549	ng	#	92
34) Hexachlorobutadiene	8.281	225	209573	40.372	ng		98
35) Caprolactam	8.610	113	81952m	40.175	ng		
36) 4-Chloro-3-methylphenol	8.716	107	315031	42.568	ng		97
37) 2-Methylnaphthalene	8.869	142	617759	42.322	ng		96
38) 1-Methylnaphthalene	8.969	142	586551	41.799	ng		97
40) 1,2,4,5-Tetrachloroben...	9.033	216	321253	42.698	ng	#	95
41) Hexachlorocyclopentadiene	9.016	237	349558	109.015	ng		94
43) 2,4,6-Trichlorophenol	9.145	196	197294	41.548	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214171	42.496	ng	#	89
46) 1,1'-Biphenyl	9.333	154	751756	41.909	ng		97
47) 2-Chloronaphthalene	9.357	162	584007	41.824	ng		99
48) 2-Nitroaniline	9.463	65	227279	42.304	ng		92
49) Acenaphthylene	9.775	152	941836	44.076	ng		98
50) Dimethylphthalate	9.639	163	704572	41.371	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	153149	44.456	ng		95
52) Acenaphthene	9.945	154	531616	41.736	ng		98
53) 3-Nitroaniline	9.875	138	100700	26.824	ng		97
54) 2,4-Dinitrophenol	9.986	184	144016	76.058	ng		93
55) Dibenzofuran	10.122	168	782605	39.549	ng		99
56) 4-Nitrophenol	10.045	139	190580	83.523	ng	#	68
57) 2,4-Dinitrotoluene	10.110	165	193471	42.685	ng	#	92
58) Fluorene	10.463	166	615882	40.138	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	171221	40.882	ng	#	78
60) Diethylphthalate	10.333	149	634439	40.841	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	329417	39.614	ng		90
62) 4-Nitroaniline	10.498	138	147049	39.308	ng	#	79
63) Azobenzene	10.616	77	716528	40.126	ng		89
65) 4,6-Dinitro-2-methylph...	10.522	198	103453	39.653	ng		86
66) n-Nitrosodiphenylamine	10.575	169	533120	40.567	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	208000	40.778	ng	#	90
68) Hexachlorobenzene	11.010	284	230049	41.383	ng	#	88
69) Atrazine	11.104	200	204570	45.111	ng		93
70) Pentachlorophenol	11.210	266	198585	88.478	ng		99
71) Phenanthrene	11.427	178	893257	39.990	ng		100
72) Anthracene	11.480	178	915241	41.374	ng		99
73) Carbazole	11.639	167	802037	38.501	ng		98
74) Di-n-butylphthalate	11.957	149	978778	40.170	ng		99
75) Fluoranthene	12.621	202	992443	39.737	ng		92
77) Benzidine	12.739	184	391748	53.534	ng		98
78) Pyrene	12.851	202	1010481	45.083	ng		99
80) Butylbenzylphthalate	13.457	149	379471	43.991	ng	#	97
81) Benzo(a)anthracene	14.039	228	830693	42.873	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	147342	24.457	ng	#	97
83) Chrysene	14.080	228	766745	42.546	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	501763	43.211	ng	#	97
85) Di-n-octyl phthalate	14.627	149	745671	42.427	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	574750	43.298	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	630711	43.606	ng	#	93
89) Benzo(k)fluoranthene	15.127	252	613257	45.093	ng	#	94
90) Benzo(a)pyrene	15.474	252	579634	50.891	ng	#	92
91) Dibenzo(a,h)anthracene	17.056	278	503369	45.562	ng	#	90
92) Benzo(g,h,i)perylene	17.498	276	505166	46.875	ng	#	86

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

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