Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127369.D
Acq On : 17 Mar 2022 11:41
Operator : CG\JU
Sample : PB143399BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 17 13:45:50 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 :
PB143399BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	116588	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	431274	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	247273	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	423628	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	279309	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	205271	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	856384	118.082	ng		0.02
7) Phenol-d6	6.516	99	1173240	117.596	ng		0.01
23) Nitrobenzene-d5	7.439	82	831142	79.589	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	312377	117.352	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1389688	79.456	ng		0.00
79) Terphenyl-d14	12.986	244	1490637	91.898	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	112816	30.001	ng	#	82
3) Pyridine	3.563	79	301353	30.115	ng	#	77
4) n-Nitrosodimethylamine	3.534	42	220750	39.816	ng	#	60
6) Aniline	6.534	93	444529	37.283	ng	#	86
8) 2-Chlorophenol	6.657	128	335608	44.731	ng		92
9) Benzaldehyde	6.428	77	224263	44.148	ng		96
10) Phenol	6.528	94	454233	41.446	ng	#	66
11) bis(2-Chloroethyl)ether	6.610	93	361457	44.412	ng		93
12) 1,3-Dichlorobenzene	6.810	146	356227	42.297	ng		99
13) 1,4-Dichlorobenzene	6.887	146	360104	42.621	ng		98
14) 1,2-Dichlorobenzene	7.040	146	341294	42.920	ng		97
15) Benzyl Alcohol	7.016	79	323339	43.239	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	642129	42.042	ng		92
17) 2-Methylphenol	7.128	107	278843	43.718	ng	#	88
18) Hexachloroethane	7.375	117	138686	42.731	ng	#	79
19) n-Nitroso-di-n-propyla...	7.287	70	267205	42.918	ng	#	88
20) 3+4-Methylphenols	7.281	107	331239	40.044	ng		89
22) Acetophenone	7.287	105	461728	39.103	ng	#	85
24) Nitrobenzene	7.457	77	422306	42.756	ng		91
25) Isophorone	7.698	82	781839	46.560	ng		98
26) 2-Nitrophenol	7.769	139	174602	42.686	ng	#	72
27) 2,4-Dimethylphenol	7.810	122	312049	50.820	ng		93
28) bis(2-Chloroethoxy)met...	7.898	93	452968	42.573	ng		97
29) 2,4-Dichlorophenol	8.016	162	299020	42.522	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	342182	42.683	ng		99
31) Naphthalene	8.175	128	967392	42.050	ng		99
32) Benzoic acid	7.969	122	162513	39.446	ng		92
33) 4-Chloroaniline	8.228	127	209755	23.522	ng		94
34) Hexachlorobutadiene	8.281	225	221429	41.420	ng		97
35) Caprolactam	8.622	113	97195m	46.267	ng		
36) 4-Chloro-3-methylphenol	8.716	107	323621	42.461	ng		99
37) 2-Methylnaphthalene	8.869	142	637207	42.389	ng		96
38) 1-Methylnaphthalene	8.969	142	605670	41.910	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	328174	41.924	ng	#	95
41) Hexachlorocyclopentadiene	9.016	237	337031	101.461	ng		95
43) 2,4,6-Trichlorophenol	9.151	196	202903	41.069	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	212593m	40.544	ng		
46) 1,1'-Biphenyl	9.333	154	770418	41.281	ng		97
47) 2-Chloronaphthalene	9.357	162	609247	41.937	ng		99
48) 2-Nitroaniline	9.463	65	233247	41.729	ng		91
49) Acenaphthylene	9.775	152	965497	43.428	ng		98
50) Dimethylphthalate	9.639	163	728318	41.104	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	156034	43.534	ng	#	87
52) Acenaphthene	9.945	154	545953	41.197	ng		97
53) 3-Nitroaniline	9.875	138	110093	28.187	ng		93
54) 2,4-Dinitrophenol	9.992	184	149474	75.883	ng		88
55) Dibenzofuran	10.122	168	802551	38.981	ng		99
56) 4-Nitrophenol	10.051	139	170858	71.970	ng	#	67
57) 2,4-Dinitrotoluene	10.110	165	194762	41.300	ng	#	90
58) Fluorene	10.463	166	631076	39.530	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	174605	40.070	ng	#	80
60) Diethylphthalate	10.333	149	651989	40.340	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	341414	39.462	ng		88
62) 4-Nitroaniline	10.504	138	135861	34.907	ng	#	85
63) Azobenzene	10.616	77	737962	39.721	ng		89
65) 4,6-Dinitro-2-methylph...	10.522	198	106730	40.862	ng		83
66) n-Nitrosodiphenylamine	10.575	169	546682	41.552	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	216374	42.371	ng	#	90
68) Hexachlorobenzene	11.010	284	237670	42.705	ng	#	88
69) Atrazine	11.104	200	207730	45.756	ng		94
70) Pentachlorophenol	11.210	266	204630	91.067	ng		97
71) Phenanthrene	11.433	178	916839	40.998	ng		99
72) Anthracene	11.480	178	923480	41.698	ng		100
73) Carbazole	11.639	167	807306	38.709	ng		98
74) Di-n-butylphthalate	11.957	149	1000317	41.007	ng		99
75) Fluoranthene	12.621	202	998844	39.947	ng		92
77) Benzidine	12.739	184	337249	47.481	ng		97
78) Pyrene	12.851	202	1000229	45.976	ng		99
80) Butylbenzylphthalate	13.457	149	378370	45.191	ng	#	96
81) Benzo(a)anthracene	14.039	228	787839	41.892	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	175127	29.949	ng	#	96
83) Chrysene	14.080	228	739746	42.290	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	503087	44.636	ng	#	98
85) Di-n-octyl phthalate	14.627	149	743233	43.568	ng		97
87) Indeno(1,2,3-cd)pyrene	17.045	276	565331	45.717	ng	#	84
88) Benzo(b)fluoranthene	15.098	252	636007	47.203	ng	#	93
89) Benzo(k)fluoranthene	15.127	252	556075	43.892	ng	#	93
90) Benzo(a)pyrene	15.474	252	552124	52.037	ng	#	92
91) Dibenzo(a,h)anthracene	17.057	278	493739	47.973	ng	#	90
92) Benzo(g,h,i)perylene	17.504	276	492759	49.083	ng	#	84

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

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