Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
Data File : BF127351.D
Acq On : 16 Mar 2022 16:53
Operator : CG\JU
Sample : PB143392BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 17 02:35:34 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 :
PB143392BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	92205	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	343471	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	206524	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	361981	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	254508	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	168931	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	996347	173.710	ng		0.02
7) Phenol-d6	6.516	99	936260	118.659	ng		0.01
23) Nitrobenzene-d5	7.440	82	667272	80.231	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	281495	126.616	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1218681	83.427	ng		0.00
79) Terphenyl-d14	12.992	244	1367527	92.524	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	94640	31.823	ng	#	80
3) Pyridine	3.558	79	324683	41.026	ng	#	76
4) n-Nitrosodimethylamine	3.528	42	258198	58.885	ng	#	64
6) Aniline	6.540	93	329533	34.947	ng		90
8) 2-Chlorophenol	6.657	128	261103	44.004	ng		93
9) Benzaldehyde	6.428	77	168624	40.935	ng		93
10) Phenol	6.528	94	360449	41.586	ng	#	58
11) bis(2-Chloroethyl)ether	6.610	93	269262	41.832	ng		92
12) 1,3-Dichlorobenzene	6.810	146	277080	41.600	ng		98
13) 1,4-Dichlorobenzene	6.887	146	287614	43.044	ng		98
14) 1,2-Dichlorobenzene	7.040	146	272507	43.332	ng		97
15) Benzyl Alcohol	7.016	79	266201	45.011	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.140	45	482414	39.937	ng		92
17) 2-Methylphenol	7.128	107	217521	43.122	ng	#	82
18) Hexachloroethane	7.375	117	109927	42.827	ng	#	77
19) n-Nitroso-di-n-propyla...	7.293	70	218695	44.416	ng	#	84
20) 3+4-Methylphenols	7.281	107	274619	41.979	ng		90
22) Acetophenone	7.287	105	386196	41.067	ng	#	82
24) Nitrobenzene	7.457	77	332078	42.215	ng	#	90
25) Isophorone	7.698	82	585654	43.793	ng	#	97
26) 2-Nitrophenol	7.769	139	133626	41.020	ng	#	61
27) 2,4-Dimethylphenol	7.810	122	234939m	48.043	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	334718	39.501	ng		98
29) 2,4-Dichlorophenol	8.016	162	238128	42.520	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	276340	43.282	ng		99
31) Naphthalene	8.175	128	770795	42.069	ng		98
32) Benzoic acid	7.975	122	128484	39.207	ng		85
33) 4-Chloroaniline	8.228	127	185452	26.113	ng	#	92
34) Hexachlorobutadiene	8.281	225	189568	44.525	ng		97
35) Caprolactam	8.628	113	73466m	43.911	ng		
36) 4-Chloro-3-methylphenol	8.716	107	265277	43.703	ng		97
37) 2-Methylnaphthalene	8.869	142	526493	43.977	ng		96
38) 1-Methylnaphthalene	8.969	142	499010	43.357	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	288207	44.082	ng	#	94
41) Hexachlorocyclopentadiene	9.016	237	307621	110.327	ng		95
43) 2,4,6-Trichlorophenol	9.151	196	175498	42.531	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	183666m	41.939	ng		
46) 1,1'-Biphenyl	9.334	154	656882	42.142	ng		98
47) 2-Chloronaphthalene	9.363	162	503276	41.478	ng		99
48) 2-Nitroaniline	9.463	65	192288	41.189	ng		88
49) Acenaphthylene	9.781	152	796163	42.877	ng		98
50) Dimethylphthalate	9.639	163	614498	41.523	ng	#	99
51) 2,6-Dinitrotoluene	9.710	165	131893	44.059	ng		93
52) Acenaphthene	9.951	154	460552	41.610	ng		96
53) 3-Nitroaniline	9.881	138	89589	27.463	ng		94
54) 2,4-Dinitrophenol	9.992	184	127613	77.482	ng		92
55) Dibenzofuran	10.122	168	688116	40.018	ng		97
56) 4-Nitrophenol	10.057	139	144973	73.116	ng	#	55
57) 2,4-Dinitrotoluene	10.116	165	168370	42.749	ng	#	86
58) Fluorene	10.469	166	546691	41.001	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	157991	43.411	ng	#	78
60) Diethylphthalate	10.339	149	557590	41.306	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	304682	42.165	ng		91
62) 4-Nitroaniline	10.510	138	116707m	35.902	ng		
63) Azobenzene	10.616	77	592916	38.211	ng		86
65) 4,6-Dinitro-2-methylph...	10.528	198	87511	39.210	ng		83
66) n-Nitrosodiphenylamine	10.581	169	465977	41.449	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	187896	43.061	ng		96
68) Hexachlorobenzene	11.010	284	209645	44.085	ng	#	90
69) Atrazine	11.110	200	182699	47.096	ng		92
70) Pentachlorophenol	11.210	266	190228	99.075	ng		99
71) Phenanthrene	11.433	178	790289	41.358	ng		100
72) Anthracene	11.486	178	802583	42.411	ng		100
73) Carbazole	11.639	167	696008	39.056	ng		99
74) Di-n-butylphthalate	11.957	149	868502	41.667	ng		99
75) Fluoranthene	12.622	202	893643	41.827	ng		91
77) Benzidine	12.745	184	364644	56.341	ng		98
78) Pyrene	12.851	202	880879	44.436	ng		98
80) Butylbenzylphthalate	13.463	149	331022	43.388	ng	#	88
81) Benzo(a)anthracene	14.039	228	716313	41.800	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	170122	31.928	ng	#	94
83) Chrysene	14.080	228	659048	41.348	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	466814	45.454	ng	#	96
85) Di-n-octyl phthalate	14.627	149	702968	45.223	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	453088	44.522	ng	#	80
88) Benzo(b)fluoranthene	15.098	252	547631	49.387	ng	#	91
89) Benzo(k)fluoranthene	15.133	252	487759	46.782	ng	#	92
90) Benzo(a)pyrene	15.474	252	471837	54.037	ng	#	91
91) Dibenzo(a,h)anthracene	17.063	278	395880	46.739	ng	#	88
92) Benzo(g,h,i)perylene	17.510	276	387235	46.870	ng	#	80

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

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