Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131876.D
Acq On : 29 Dec 2022 13:31
Operator : CG\JU
Sample : PB149976BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 02:08:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149976BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
12/30/2022
Supervised By :Yogesh Patel
12/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	92398	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	364508	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	220268	20.000	ng		0.00
64) Phenanthrene-d10	11.368	188	414834	20.000	ng		0.00
76) Chrysene-d12	14.021	240	244757	20.000	ng		0.00
86) Perylene-d12	15.492	264	183298	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	714517	128.153	ng		0.02
7) Phenol-d6	6.463	99	953357	130.148	ng		0.01
23) Nitrobenzene-d5	7.398	82	648799	71.065	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	286286	119.624	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1139826	70.880	ng		0.00
79) Terphenyl-d14	12.957	244	1326848	91.699	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	84733	32.772	ng		98
3) Pyridine	3.363	79	227178	31.255	ng		97
4) n-Nitrosodimethylamine	3.340	42	140217	41.027	ng		96
6) Aniline	6.486	93	306512	34.503	ng		99
8) 2-Chlorophenol	6.604	128	256050	43.590	ng		95
9) Benzaldehyde	6.369	77	80036	17.028	ng		99
10) Phenol	6.475	94	367456	42.124	ng		87
11) bis(2-Chloroethyl)ether	6.557	93	269126	43.143	ng		99
12) 1,3-Dichlorobenzene	6.757	146	266958	39.769	ng		98
13) 1,4-Dichlorobenzene	6.833	146	270948	40.051	ng		98
14) 1,2-Dichlorobenzene	6.986	146	261196	41.090	ng		97
15) Benzyl Alcohol	6.969	79	285861	44.501	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	329030	41.332	ng		96
17) 2-Methylphenol	7.086	107	235372	43.830	ng		96
18) Hexachloroethane	7.328	117	109412	40.052	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	218378	42.212	ng		99
20) 3+4-Methylphenols	7.239	107	301925	43.090	ng	#	90
22) Acetophenone	7.239	105	413280	38.674	ng		98
24) Nitrobenzene	7.416	77	343290	37.520	ng		97
25) Isophorone	7.657	82	610401	40.940	ng		100
26) 2-Nitrophenol	7.728	139	139311	39.161	ng		95
27) 2,4-Dimethylphenol	7.769	122	231189	45.560	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	333552	41.701	ng		99
29) 2,4-Dichlorophenol	7.975	162	241181	39.450	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	265761	36.665	ng		100
31) Naphthalene	8.133	128	728676	36.502	ng		99
32) Benzoic acid	7.922	122	161898	43.651	ng		91
33) 4-Chloroaniline	8.186	127	221813	28.959	ng		98
34) Hexachlorobutadiene	8.245	225	177410	35.775	ng		100
35) Caprolactam	8.580	113	70461m	38.927	ng		
36) 4-Chloro-3-methylphenol	8.680	107	280582	40.608	ng		97
37) 2-Methylnaphthalene	8.827	142	506403	37.798	ng		99
38) 1-Methylnaphthalene	8.927	142	475355	36.527	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	291885	37.740	ng		99
41) Hexachlorocyclopentadiene	8.975	237	266692	77.269	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	185628	37.474	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	201072	37.551	ng		97
46) 1,1'-Biphenyl	9.298	154	645246	38.262	ng		98
47) 2-Chloronaphthalene	9.322	162	508102	36.419	ng		97
48) 2-Nitroaniline	9.422	65	191406	37.429	ng		95
49) Acenaphthylene	9.739	152	760312	36.599	ng		99
50) Dimethylphthalate	9.604	163	616015	36.967	ng		99
51) 2,6-Dinitrotoluene	9.669	165	135171	37.471	ng		99
52) Acenaphthene	9.910	154	458126	36.539	ng		100
53) 3-Nitroaniline	9.839	138	97402	26.499	ng		99
54) 2,4-Dinitrophenol	9.951	184	161246	77.674	ng		94
55) Dibenzofuran	10.086	168	705284	36.511	ng		99
56) 4-Nitrophenol	10.016	139	189104	73.442	ng		93
57) 2,4-Dinitrotoluene	10.074	165	186163	37.735	ng	#	91
58) Fluorene	10.427	166	570649	36.186	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	162789	37.047	ng	#	86
60) Diethylphthalate	10.304	149	578217	36.052	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	306761	37.419	ng		99
62) 4-Nitroaniline	10.463	138	131443	34.313	ng		97
63) Azobenzene	10.580	77	640955	36.009	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	107283	37.984	ng		91
66) n-Nitrosodiphenylamine	10.545	169	486161	38.419	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	184432	38.360	ng		97
68) Hexachlorobenzene	10.974	284	205822	38.970	ng	#	89
69) Atrazine	11.074	200	195489	46.925	ng		97
70) Pentachlorophenol	11.174	266	217719	83.306	ng		99
71) Phenanthrene	11.392	178	841292	36.879	ng		100
72) Anthracene	11.445	178	839254	37.608	ng		99
73) Carbazole	11.604	167	733200	37.217	ng		98
74) Di-n-butylphthalate	11.927	149	880723	36.986	ng		100
75) Fluoranthene	12.586	202	919482	34.604	ng		99
77) Benzidine	12.710	184	187307	46.568	ng		99
78) Pyrene	12.815	202	909864	44.352	ng		99
80) Butylbenzylphthalate	13.433	149	314137	41.284	ng		97
81) Benzo(a)anthracene	14.009	228	663684	37.452	ng		98
82) 3,3'-Dichlorobenzidine	13.974	252	188257	36.755	ng		97
83) Chrysene	14.045	228	612789	36.799	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	373419	40.305	ng		98
85) Di-n-octyl phthalate	14.609	149	511356	41.001	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	551735	47.379	ng		99
88) Benzo(b)fluoranthene	15.062	252	573098	42.641	ng		99
89) Benzo(k)fluoranthene	15.098	252	500698	38.557	ng		99
90) Benzo(a)pyrene	15.433	252	462684	44.465	ng		98
91) Dibenzo(a,h)anthracene	17.003	278	476825	49.989	ng		98
92) Benzo(g,h,i)perylene	17.433	276	478837	43.049	ng		95

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

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