Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
Data File : BF131238.D
Acq On : 15 Nov 2022 18:12
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 16 00:27:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 22:44:23 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.975	152	101904	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	346214	20.000	ng		0.00
39) Acenaphthene-d10	10.033	164	194426	20.000	ng		0.00
64) Phenanthrene-d10	11.528	188	351284	20.000	ng		0.00
76) Chrysene-d12	14.192	240	235353	20.000	ng	#	0.00
86) Perylene-d12	15.727	264	175157	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	538964	89.944	ng		0.00
7) Phenol-d6	6.593	99	685926	87.557	ng		0.00
23) Nitrobenzene-d5	7.551	82	654927	85.351	ng		0.00
42) 2,4,6-Tribromophenol	10.828	330	176816	87.997	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1220789	87.652	ng		0.00
79) Terphenyl-d14	13.127	244	1355865	101.009	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	124199	42.108	ng		99
3) Pyridine	3.557	79	354534	43.776	ng		99
4) n-Nitrosodimethylamine	3.534	42	212828	45.555	ng		99
6) Aniline	6.640	93	432723m	44.996	ng		
8) 2-Chlorophenol	6.757	128	302842	43.931	ng		99
9) Benzaldehyde	6.528	77	215385	42.250	ng		98
10) Phenol	6.610	94	379808	41.474	ng		97
11) bis(2-Chloroethyl)ether	6.710	93	300356	45.843	ng		98
12) 1,3-Dichlorobenzene	6.916	146	341333	44.525	ng		99
13) 1,4-Dichlorobenzene	6.998	146	348125	44.705	ng		98
14) 1,2-Dichlorobenzene	7.151	146	314095	43.544	ng		98
15) Benzyl Alcohol	7.116	79	301418	50.306	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	563914	51.331	ng		99
17) 2-Methylphenol	7.216	107	262325	45.498	ng		99
18) Hexachloroethane	7.492	117	129493	44.596	ng		99
19) n-Nitroso-di-n-propyla...	7.398	70	233125	45.323	ng		97
20) 3+4-Methylphenols	7.381	107	330763	45.916	ng	#	87
22) Acetophenone	7.392	105	428920	49.505	ng		97
24) Nitrobenzene	7.569	77	346067	46.558	ng		97
25) Isophorone	7.804	82	596468	50.273	ng		99
26) 2-Nitrophenol	7.881	139	130005	39.417	ng		97
27) 2,4-Dimethylphenol	7.910	122	243989	48.239	ng		99
28) bis(2-Chloroethoxy)met...	8.016	93	331571	49.312	ng		99
29) 2,4-Dichlorophenol	8.116	162	266315	49.250	ng		98
30) 1,2,4-Trichlorobenzene	8.204	180	304222	52.172	ng		99
31) Naphthalene	8.292	128	893691	47.242	ng		99
32) Benzoic acid	8.034	122	177419	55.568	ng		94
33) 4-Chloroaniline	8.334	127	359245	47.360	ng		100
34) Hexachlorobutadiene	8.404	225	194577	48.835	ng		98
35) Caprolactam	8.722	113	79383	47.888	ng		98
36) 4-Chloro-3-methylphenol	8.810	107	283876	47.440	ng		95
37) 2-Methylnaphthalene	8.986	142	589841	48.370	ng		100
38) 1-Methylnaphthalene	9.086	142	568735	47.623	ng		99
40) 1,2,4,5-Tetrachloroben...	9.151	216	294697	46.417	ng		99
41) Hexachlorocyclopentadiene	9.134	237	163538	66.017	ng		98
43) 2,4,6-Trichlorophenol	9.257	196	202205	48.530	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	213917	45.889	ng		98
46) 1,1'-Biphenyl	9.451	154	694667	46.210	ng		99
47) 2-Chloronaphthalene	9.481	162	567672	46.535	ng		97
48) 2-Nitroaniline	9.569	65	189426	42.666	ng		97
49) Acenaphthylene	9.898	152	875452	46.966	ng		99
50) Dimethylphthalate	9.757	163	660591	47.765	ng		99
51) 2,6-Dinitrotoluene	9.816	165	132107	43.465	ng		89
52) Acenaphthene	10.069	154	546310	49.134	ng		99
53) 3-Nitroaniline	9.986	138	141849	40.821	ng		95
54) 2,4-Dinitrophenol	10.086	184	51091	32.025	ng	#	90
55) Dibenzofuran	10.245	168	775750	47.112	ng		99
56) 4-Nitrophenol	10.128	139	114986	49.717	ng		93
57) 2,4-Dinitrotoluene	10.222	165	165201	40.888	ng		90
58) Fluorene	10.586	166	603332	45.113	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.351	232	184522	51.477	ng		98
60) Diethylphthalate	10.457	149	625860	46.989	ng		99
61) 4-Chlorophenyl-phenyle...	10.581	204	301967	48.518	ng		94
62) 4-Nitroaniline	10.610	138	140121	39.902	ng		98
63) Azobenzene	10.739	77	657749	47.180	ng		98
65) 4,6-Dinitro-2-methylph...	10.628	198	75599	33.472	ng		86
66) n-Nitrosodiphenylamine	10.698	169	529362	44.824	ng		99
67) 4-Bromophenyl-phenylether	11.075	248	191093	48.107	ng		92
68) Hexachlorobenzene	11.133	284	210312	47.508	ng		97
69) Atrazine	11.228	200	175429	47.986	ng		98
70) Pentachlorophenol	11.322	266	134845	69.478	ng		100
71) Phenanthrene	11.557	178	911681	47.188	ng		99
72) Anthracene	11.610	178	893553	47.653	ng		100
73) Carbazole	11.763	167	800941	48.032	ng		99
74) Di-n-butylphthalate	12.092	149	933548	49.637	ng		100
75) Fluoranthene	12.751	202	1001698	51.796	ng		99
77) Benzidine	12.874	184	239817	34.539	ng		99
78) Pyrene	12.986	202	1021447	50.586	ng		99
80) Butylbenzylphthalate	13.604	149	357374	49.434	ng		99
81) Benzo(a)anthracene	14.180	228	769741	45.757	ng		100
82) 3,3'-Dichlorobenzidine	14.139	252	225341	46.933	ng		99
83) Chrysene	14.216	228	747501	47.051	ng		99
84) Bis(2-ethylhexyl)phtha...	14.169	149	425989	54.586	ng		98
85) Di-n-octyl phthalate	14.798	149	593428	59.964	ng		99
87) Indeno(1,2,3-cd)pyrene	17.327	276	624634	51.300	ng		99
88) Benzo(b)fluoranthene	15.274	252	580134	46.846	ng		99
89) Benzo(k)fluoranthene	15.304	252	587745	49.379	ng		99
90) Benzo(a)pyrene	15.668	252	482400	48.589	ng		99
91) Dibenzo(a,h)anthracene	17.351	278	516494	52.247	ng		99
92) Benzo(g,h,i)perylene	17.809	276	513000	49.808	ng		98

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

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