Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129879.D
Acq On : 18 Aug 2022 16:57
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 00:59:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	136816	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	530240	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	280303	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	479667	20.000	ng	0.00
76) Chrysene-d12	13.974	240	312947	20.000	ng	0.00
86) Perylene-d12	15.433	264	254849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	673108	81.457	ng	0.00
7) Phenol-d6	6.451	99	819487	79.193	ng	0.00
23) Nitrobenzene-d5	7.363	82	778488	78.594	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	222461	79.076	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1434415	77.723	ng	0.00
79) Terphenyl-d14	12.910	244	1507352	80.146	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	136490	40.037	ng	97
3) Pyridine	3.252	79	364331	40.837	ng	98
4) n-Nitrosodimethylamine	3.210	42	170046	41.358	ng	99
6) Aniline	6.463	93	441427	37.428	ng	96
8) 2-Chlorophenol	6.587	128	369816	40.202	ng	96
9) Benzaldehyde	6.351	77	248931	45.919	ng	98
10) Phenol	6.463	94	448444	39.507	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	337206	39.121	ng	98
12) 1,3-Dichlorobenzene	6.734	146	393274	39.600	ng	99
13) 1,4-Dichlorobenzene	6.810	146	402295	39.645	ng	99
14) 1,2-Dichlorobenzene	6.963	146	373953	39.679	ng	99
15) Benzyl Alcohol	6.946	79	309034	39.559	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	458469	39.694	ng	92
17) 2-Methylphenol	7.063	107	289425	39.184	ng	99
18) Hexachloroethane	7.298	117	153377	40.251	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	257662	39.393	ng	98
20) 3+4-Methylphenols	7.222	107	390588	39.394	ng	98
22) Acetophenone	7.210	105	498883	38.609	ng	99
24) Nitrobenzene	7.387	77	394944	39.542	ng	99
25) Isophorone	7.622	82	660833	38.763	ng	99
26) 2-Nitrophenol	7.698	139	195706	39.835	ng	99
27) 2,4-Dimethylphenol	7.740	122	272470	38.672	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	392020	39.383	ng	100
29) 2,4-Dichlorophenol	7.945	162	302713	39.292	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	318599	39.200	ng	98
31) Naphthalene	8.098	128	1074871	38.770	ng	99
32) Benzoic acid	7.881	122	122982m	40.949	ng	
33) 4-Chloroaniline	8.157	127	407849	37.409	ng	100
34) Hexachlorobutadiene	8.204	225	196130	39.631	ng	99
35) Caprolactam	8.540	113	94696	39.526	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	327047	39.349	ng	99
37) 2-Methylnaphthalene	8.787	142	712114	39.135	ng	99
38) 1-Methylnaphthalene	8.887	142	682464	38.592	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	308531	39.575	ng	99
41) Hexachlorocyclopentadiene	8.934	237	87618	47.391	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	202292	39.936	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.128	196	214668	39.392	ng		99
46)	1,1'-Biphenyl	9.257	154	832196	39.080	ng		99
47)	2-Chloronaphthalene	9.281	162	658657	39.092	ng		98
48)	2-Nitroaniline	9.387	65	213897	40.172	ng		99
49)	Acenaphthylene	9.698	152	982738	38.464	ng		100
50)	Dimethylphthalate	9.557	163	785907	39.112	ng		99
51)	2,6-Dinitrotoluene	9.634	165	173608	39.829	ng	#	85
52)	Acenaphthene	9.869	154	594352	38.343	ng		99
53)	3-Nitroaniline	9.804	138	186877	38.768	ng		95
54)	2,4-Dinitrophenol	9.922	184	81177	43.846	ng		92
55)	Dibenzofuran	10.039	168	895684	38.461	ng		96
56)	4-Nitrophenol	9.992	139	86518	40.344	ng		96
57)	2,4-Dinitrotoluene	10.039	165	218727	38.656	ng		93
58)	Fluorene	10.386	166	747704	38.453	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.169	232	164123	41.038	ng	#	81
60)	Diethylphthalate	10.257	149	784189	39.139	ng		100
61)	4-Chlorophenyl-phenyle...	10.375	204	340006	38.964	ng		98
62)	4-Nitroaniline	10.422	138	194333m	39.962	ng		
63)	Azobenzene	10.534	77	756532	39.503	ng		99
65)	4,6-Dinitro-2-methylph...	10.457	198	119863	42.566	ng		87
66)	n-Nitrosodiphenylamine	10.498	169	636165	39.294	ng		100
67)	4-Bromophenyl-phenylether	10.863	248	219093	38.997	ng		99
68)	Hexachlorobenzene	10.934	284	240243	39.476	ng		98
69)	Atrazine	11.028	200	197557	39.758	ng		97
70)	Pentachlorophenol	11.139	266	76431	44.366	ng		96
71)	Phenanthrene	11.351	178	1058976	39.530	ng		99
72)	Anthracene	11.404	178	1043499	39.169	ng		99
73)	Carbazole	11.563	167	945744	39.107	ng		100
74)	Di-n-butylphthalate	11.881	149	1238625	39.796	ng		99
75)	Fluoranthene	12.539	202	1079926	39.394	ng		97
77)	Benzidine	12.663	184	58319	2.734	ng		100
78)	Pyrene	12.775	202	1084560	39.881	ng		99
80)	Butylbenzylphthalate	13.380	149	465869	40.484	ng		95
81)	Benzo(a)anthracene	13.963	228	840199	39.028	ng		99
82)	3,3'-Dichlorobenzidine	13.922	252	248071	37.207	ng		100
83)	Chrysene	13.998	228	790571	39.231	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.933	149	598962	43.873	ng		99
85)	Di-n-octyl phthalate	14.545	149	883827	46.896	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.904	276	797125	45.561	ng		99
88)	Benzo(b)fluoranthene	15.010	252	663434	38.017	ng		99
89)	Benzo(k)fluoranthene	15.039	252	647302	38.678	ng		99
90)	Benzo(a)pyrene	15.374	252	540557	39.335	ng		99
91)	Dibenzo(a,h)anthracene	16.910	278	660705	45.768	ng		99
92)	Benzo(g,h,i)perylene	17.351	276	656915	45.612	ng		98

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

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