Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
Data File : BF129846.D
Acq On : 17 Aug 2022 16:17
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 05:28:31 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 05:28:24 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

Supervised By :Jagrut Upadhyay
08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	121447	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	452320	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	226697	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	373426	20.000	ng	0.00
76) Chrysene-d12	13.992	240	213621	20.000	ng	0.00
86) Perylene-d12	15.457	264	213654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	602662	82.162	ng	0.00
7) Phenol-d6	6.469	99	729877	79.459	ng	0.00
23) Nitrobenzene-d5	7.387	82	670542	79.358	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	170292	74.846	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1172911	78.582	ng	0.00
79) Terphenyl-d14	12.927	244	1033948	80.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	126319	41.742	ng	99
3) Pyridine	3.305	79	320554	40.477	ng	99
4) n-Nitrosodimethylamine	3.257	42	153229	41.984	ng	95
6) Aniline	6.481	93	418327	39.958	ng	97
8) 2-Chlorophenol	6.610	128	324724	39.767	ng	100
9) Benzaldehyde	6.369	77	205237	42.077	ng	98
10) Phenol	6.481	94	406874	40.381	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	296783	38.788	ng	99
12) 1,3-Dichlorobenzene	6.751	146	350701	39.783	ng	99
13) 1,4-Dichlorobenzene	6.834	146	356815	39.613	ng	97
14) 1,2-Dichlorobenzene	6.987	146	325484	38.907	ng	99
15) Benzyl Alcohol	6.963	79	272433	39.287	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	387689	37.814	ng	95
17) 2-Methylphenol	7.087	107	254147	38.762	ng	99
18) Hexachloroethane	7.322	117	133202	39.380	ng	92
19) n-Nitroso-di-n-propyla...	7.228	70	215543	37.124	ng	99
20) 3+4-Methylphenols	7.240	107	342559	38.922	ng	98
22) Acetophenone	7.228	105	433788	39.354	ng	99
24) Nitrobenzene	7.404	77	337150	39.571	ng	99
25) Isophorone	7.640	82	539930	37.127	ng	100
26) 2-Nitrophenol	7.716	139	164650	39.287	ng	97
27) 2,4-Dimethylphenol	7.757	122	233338	38.823	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	318025	37.453	ng	99
29) 2,4-Dichlorophenol	7.969	162	255507	38.878	ng	97
30) 1,2,4-Trichlorobenzene	8.040	180	266692	38.466	ng	99
31) Naphthalene	8.122	128	926290	39.166	ng	99
32) Benzoic acid	7.898	122	104708	40.890	ng	94
33) 4-Chloroaniline	8.175	127	348979	37.523	ng	98
34) Hexachlorobutadiene	8.228	225	161061	38.151	ng	100
35) Caprolactam	8.551	113	77894	38.114	ng	100
36) 4-Chloro-3-methylphenol	8.669	107	271059	38.231	ng	97
37) 2-Methylnaphthalene	8.810	142	583091	37.565	ng	100
38) 1-Methylnaphthalene	8.910	142	566211	37.534	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	248972	39.487	ng	100
41) Hexachlorocyclopentadiene	8.957	237	39159	32.441	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	167209	40.816	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	179710	40.775	ng		99
46) 1,1'-Biphenyl	9.275	154	680483	39.512	ng		98
47) 2-Chloronaphthalene	9.298	162	540058	39.633	ng		98
48) 2-Nitroaniline	9.404	65	180134	41.830	ng		100
49) Acenaphthylene	9.716	152	821538	39.758	ng		100
50) Dimethylphthalate	9.575	163	604452	37.195	ng		99
51) 2,6-Dinitrotoluene	9.645	165	137473	38.996	ng		95
52) Acenaphthene	9.886	154	486958	38.843	ng		98
53) 3-Nitroaniline	9.822	138	160966	41.289	ng		96
54) 2,4-Dinitrophenol	9.939	184	52189	35.976	ng		91
55) Dibenzofuran	10.057	168	728912	38.701	ng		97
56) 4-Nitrophenol	10.010	139	75512	43.538	ng		97
57) 2,4-Dinitrotoluene	10.057	165	174567	38.146	ng		99
58) Fluorene	10.404	166	610708	38.834	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	124639	38.535	ng	#	76
60) Diethylphthalate	10.269	149	584417	36.066	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	259467	36.766	ng		98
62) 4-Nitroaniline	10.439	138	161032m	40.944	ng		
63) Azobenzene	10.551	77	586535	37.869	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	92462	42.177	ng		94
66) n-Nitrosodiphenylamine	10.516	169	499481	39.629	ng		98
67) 4-Bromophenyl-phenylether	10.881	248	165585	37.859	ng		97
68) Hexachlorobenzene	10.951	284	183594	38.751	ng		97
69) Atrazine	11.039	200	143466	37.086	ng		97
70) Pentachlorophenol	11.157	266	48479m	37.107	ng		
71) Phenanthrene	11.369	178	830301	39.812	ng		100
72) Anthracene	11.422	178	811036	39.105	ng		99
73) Carbazole	11.580	167	746499	39.651	ng		100
74) Di-n-butylphthalate	11.892	149	843106	34.795	ng		99
75) Fluoranthene	12.557	202	803264	37.639	ng		98
77) Benzidine	12.680	184	261678	51.852	ng		100
78) Pyrene	12.792	202	800935	43.146	ng		100
80) Butylbenzylphthalate	13.392	149	275756	35.105	ng		93
81) Benzo(a)anthracene	13.980	228	571282	38.876	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	180523	39.665	ng		97
83) Chrysene	14.016	228	547775	39.822	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	313395	33.629	ng	#	97
85) Di-n-octyl phthalate	14.563	149	456951	35.520	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	686231	46.785	ng		99
88) Benzo(b)fluoranthene	15.027	252	498071	34.044	ng		98
89) Benzo(k)fluoranthene	15.057	252	514183	36.648	ng		99
90) Benzo(a)pyrene	15.392	252	438206	38.035	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	551121	45.538	ng		99
92) Benzo(g,h,i)perylene	17.386	276	582430	48.238	ng		97

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

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