Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129901.D
Acq On : 19 Aug 2022 09:12
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 01:06:15 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	124625	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	471634	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	249020	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	416532	20.000	ng	0.00
76) Chrysene-d12	13.980	240	276766	20.000	ng	0.00
86) Perylene-d12	15.439	264	213259	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	619803	82.344	ng	0.00
7) Phenol-d6	6.451	99	766104	81.276	ng	0.00
23) Nitrobenzene-d5	7.369	82	711808	80.792	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	184788	73.936	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1271003	77.520	ng	0.00
79) Terphenyl-d14	12.910	244	1266727	76.156	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.505	88	127740	41.135	ng	97
3) Pyridine	3.269	79	354156	43.580	ng	97
4) n-Nitrosodimethylamine	3.228	42	163891	43.761	ng	97
6) Aniline	6.463	93	436151	40.598	ng	99
8) 2-Chlorophenol	6.587	128	332478	39.678	ng	96
9) Benzaldehyde	6.351	77	212905	42.624	ng	99
10) Phenol	6.463	94	422372	40.850	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	304799	38.820	ng	100
12) 1,3-Dichlorobenzene	6.734	146	355790	39.331	ng	98
13) 1,4-Dichlorobenzene	6.810	146	364016	39.382	ng	99
14) 1,2-Dichlorobenzene	6.963	146	341102	39.734	ng	99
15) Benzyl Alcohol	6.945	79	288215	40.503	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	399489	37.971	ng	98
17) 2-Methylphenol	7.063	107	268482	39.904	ng	97
18) Hexachloroethane	7.298	117	138183	39.810	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	232195	38.972	ng	99
20) 3+4-Methylphenols	7.222	107	363913	40.294	ng	96
22) Acetophenone	7.210	105	462393	40.232	ng	99
24) Nitrobenzene	7.387	77	359791	40.499	ng	98
25) Isophorone	7.622	82	583040	38.449	ng	99
26) 2-Nitrophenol	7.698	139	175881	40.249	ng	97
27) 2,4-Dimethylphenol	7.739	122	247414	39.479	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	339390	38.332	ng	100
29) 2,4-Dichlorophenol	7.951	162	275896	40.261	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	281110	38.885	ng	98
31) Naphthalene	8.098	128	984661	39.930	ng	99
32) Benzoic acid	7.887	122	115297	42.614	ng	91
33) 4-Chloroaniline	8.157	127	381206	39.310	ng	99
34) Hexachlorobutadiene	8.210	225	168968	38.385	ng	99
35) Caprolactam	8.539	113	87023m	40.837	ng	
36) 4-Chloro-3-methylphenol	8.651	107	292909	39.621	ng	98
37) 2-Methylnaphthalene	8.792	142	628952	38.860	ng	99
38) 1-Methylnaphthalene	8.892	142	604771	38.448	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	264762	38.227	ng	99
41) Hexachlorocyclopentadiene	8.939	237	69031	43.893	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	174571	38.793	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	188884	39.014	ng		96
46) 1,1'-Biphenyl	9.257	154	733259	38.760	ng		99
47) 2-Chloronaphthalene	9.286	162	584188	39.028	ng		99
48) 2-Nitroaniline	9.392	65	196450	41.530	ng		97
49) Acenaphthylene	9.698	152	888971	39.165	ng		100
50) Dimethylphthalate	9.557	163	665075	37.256	ng		99
51) 2,6-Dinitrotoluene	9.633	165	151258	39.061	ng		87
52) Acenaphthene	9.869	154	540748	39.267	ng		99
53) 3-Nitroaniline	9.804	138	175600	41.005	ng		93
54) 2,4-Dinitrophenol	9.922	184	67239	41.250	ng		97
55) Dibenzofuran	10.045	168	796010	38.475	ng		99
56) 4-Nitrophenol	9.998	139	73300	38.474	ng		96
57) 2,4-Dinitrotoluene	10.039	165	196424	39.075	ng		90
58) Fluorene	10.386	166	662659	38.360	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	138377	38.947	ng	#	78
60) Diethylphthalate	10.257	149	641690	36.050	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	285288	36.801	ng		96
62) 4-Nitroaniline	10.428	138	179649m	41.583	ng		
63) Azobenzene	10.539	77	638764	37.544	ng		94
65) 4,6-Dinitro-2-methylph...	10.457	198	103302	42.245	ng		98
66) n-Nitrosodiphenylamine	10.498	169	551702	39.242	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	182626	37.434	ng		97
68) Hexachlorobenzene	10.939	284	205572	38.899	ng	#	89
69) Atrazine	11.028	200	163097	37.798	ng		98
70) Pentachlorophenol	11.145	266	57949	39.394	ng		97
71) Phenanthrene	11.351	178	930774	40.011	ng		99
72) Anthracene	11.404	178	916285	39.608	ng		99
73) Carbazole	11.569	167	852518	40.596	ng		99
74) Di-n-butylphthalate	11.880	149	961807	35.586	ng		99
75) Fluoranthene	12.545	202	940271	39.499	ng		98
77) Benzidine	12.669	184	381113	59.044	ng		100
78) Pyrene	12.774	202	975209	40.548	ng		99
80) Butylbenzylphthalate	13.380	149	372014	36.554	ng		94
81) Benzo(a)anthracene	13.968	228	739020	38.816	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	225775	38.290	ng		98
83) Chrysene	14.004	228	687997	38.604	ng		100
84) Bis(2-ethylhexyl)phtha...	13.933	149	416509	34.497	ng		96
85) Di-n-octyl phthalate	14.551	149	534122	32.046	ng		100
87) Indeno(1,2,3-cd)pyrene	16.921	276	647436	44.222	ng		99
88) Benzo(b)fluoranthene	15.015	252	536082	36.710	ng		99
89) Benzo(k)fluoranthene	15.045	252	534994	38.202	ng		99
90) Benzo(a)pyrene	15.380	252	444761	38.676	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	523291	43.318	ng		99
92) Benzo(g,h,i)perylene	17.362	276	545045	45.225	ng		97

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

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