Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129914.D
Acq On : 19 Aug 2022 17:36
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 07:49:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 20 07:47:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	121308	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	461476	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	239923	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	388195	20.000	ng	0.00
76) Chrysene-d12	13.963	240	221039	20.000	ng	0.00
86) Perylene-d12	15.415	264	216394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	607591	82.928	ng	0.00
7) Phenol-d6	6.445	99	740965	80.759	ng	0.00
23) Nitrobenzene-d5	7.357	82	711477	82.532	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	186611	77.497	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1285130	81.354	ng	0.00
79) Terphenyl-d14	12.898	244	1109707	83.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	125199	41.419	ng	99
3) Pyridine	3.234	79	338645	42.811	ng	96
4) n-Nitrosodimethylamine	3.193	42	150124	41.181	ng	96
6) Aniline	6.457	93	423270	40.476	ng	98
8) 2-Chlorophenol	6.581	128	331319	40.621	ng	94
9) Benzaldehyde	6.345	77	213435	44.139	ng	99
10) Phenol	6.457	94	414239	41.159	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	308439	40.358	ng	99
12) 1,3-Dichlorobenzene	6.728	146	360726	40.967	ng	99
13) 1,4-Dichlorobenzene	6.804	146	366009	40.681	ng	100
14) 1,2-Dichlorobenzene	6.957	146	335091	40.101	ng	100
15) Benzyl Alcohol	6.939	79	281919	40.701	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	418239	40.840	ng	99
17) 2-Methylphenol	7.057	107	266764	40.733	ng	97
18) Hexachloroethane	7.292	117	141212	41.796	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	233857	40.324	ng	100
20) 3+4-Methylphenols	7.216	107	358446	40.774	ng	99
22) Acetophenone	7.204	105	461148	41.006	ng	99
24) Nitrobenzene	7.381	77	355662	40.915	ng	100
25) Isophorone	7.616	82	592656	39.944	ng	99
26) 2-Nitrophenol	7.692	139	177518	41.518	ng	100
27) 2,4-Dimethylphenol	7.734	122	249679	40.718	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	352271	40.663	ng	99
29) 2,4-Dichlorophenol	7.939	162	272757	40.679	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	286796	40.545	ng	97
31) Naphthalene	8.092	128	971672	40.270	ng	99
32) Benzoic acid	7.875	122	114125	42.988	ng	92
33) 4-Chloroaniline	8.151	127	378022	39.840	ng	98
34) Hexachlorobutadiene	8.198	225	176082	40.882	ng	100
35) Caprolactam	8.528	113	81000m	38.847	ng	
36) 4-Chloro-3-methylphenol	8.645	107	292497	40.436	ng	97
37) 2-Methylnaphthalene	8.781	142	630477	39.812	ng	99
38) 1-Methylnaphthalene	8.881	142	615843	40.014	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	274913	41.198	ng	99
41) Hexachlorocyclopentadiene	8.928	237	72194	46.253	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	180486	41.628	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	194769	41.755	ng		96
46) 1,1'-Biphenyl	9.245	154	742296	40.726	ng		99
47) 2-Chloronaphthalene	9.275	162	593887	41.180	ng		99
48) 2-Nitroaniline	9.380	65	187805	41.208	ng		97
49) Acenaphthylene	9.686	152	883140	40.383	ng		100
50) Dimethylphthalate	9.551	163	675062	39.250	ng		99
51) 2,6-Dinitrotoluene	9.622	165	147320	39.486	ng		93
52) Acenaphthene	9.857	154	536010	40.399	ng		99
53) 3-Nitroaniline	9.792	138	164328	39.828	ng		93
54) 2,4-Dinitrophenol	9.916	184	66680	42.298	ng		90
55) Dibenzofuran	10.033	168	795918	39.929	ng		99
56) 4-Nitrophenol	9.986	139	69986	38.128	ng		96
57) 2,4-Dinitrotoluene	10.033	165	191567	39.554	ng		96
58) Fluorene	10.375	166	655104	39.361	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	139273	40.685	ng	#	77
60) Diethylphthalate	10.245	149	659306	38.445	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	293922	39.352	ng		97
62) 4-Nitroaniline	10.410	138	161519m	38.804	ng		
63) Azobenzene	10.527	77	651034	39.716	ng		96
65) 4,6-Dinitro-2-methylph...	10.445	198	95156	41.755	ng		98
66) n-Nitrosodiphenylamine	10.486	169	544109	41.527	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	187764	41.296	ng		97
68) Hexachlorobenzene	10.927	284	202846	41.185	ng	#	90
69) Atrazine	11.016	200	157320	39.120	ng		98
70) Pentachlorophenol	11.133	266	62929	45.046	ng		98
71) Phenanthrene	11.339	178	887282	40.925	ng		99
72) Anthracene	11.392	178	871277	40.411	ng		100
73) Carbazole	11.551	167	765641	39.120	ng		99
74) Di-n-butylphthalate	11.869	149	944945	37.514	ng		99
75) Fluoranthene	12.533	202	828410	37.340	ng		99
77) Benzidine	12.657	184	300329	58.178	ng		100
78) Pyrene	12.763	202	834515	43.446	ng		99
80) Butylbenzylphthalate	13.368	149	317665	39.084	ng		96
81) Benzo(a)anthracene	13.951	228	608948	40.048	ng		99
82) 3,3'-Dichlorobenzidine	13.910	252	200704	42.619	ng		99
83) Chrysene	13.992	228	574264	40.346	ng		99
84) Bis(2-ethylhexyl)phtha...	13.921	149	392932	40.749	ng		99
85) Di-n-octyl phthalate	14.533	149	584113	43.880	ng		100
87) Indeno(1,2,3-cd)pyrene	16.886	276	746133	50.225	ng		100
88) Benzo(b)fluoranthene	14.998	252	548481	37.015	ng		98
89) Benzo(k)fluoranthene	15.021	252	521376	36.690	ng		99
90) Benzo(a)pyrene	15.357	252	466018	39.937	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	613568	50.056	ng		99
92) Benzo(g,h,i)perylene	17.327	276	625811	51.175	ng		99

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

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