Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129811.D
Acq On : 16 Aug 2022 14:52
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:55:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	162148	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	640427	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	348162	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	611767	20.000	ng	0.00
76) Chrysene-d12	14.004	240	407550	20.000	ng	0.00
86) Perylene-d12	15.468	264	291709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	733956	74.945	ng	0.00
7) Phenol-d6	6.481	99	916888	74.763	ng	0.00
23) Nitrobenzene-d5	7.393	82	883777	73.873	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	267504	76.554	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1635612	71.351	ng	0.00
79) Terphenyl-d14	12.939	244	1789527	73.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	154196	38.164	ng	100
3) Pyridine	3.322	79	411308	38.900	ng	99
4) n-Nitrosodimethylamine	3.287	42	189480	38.885	ng	97
6) Aniline	6.493	93	518787	37.115	ng	99
8) 2-Chlorophenol	6.616	128	409488	37.560	ng	96
9) Benzaldehyde	6.381	77	267847	40.948	ng	99
10) Phenol	6.493	94	503545	37.431	ng	95
11) bis(2-Chloroethyl)ether	6.563	93	385502	37.737	ng	100
12) 1,3-Dichlorobenzene	6.763	146	440500	37.426	ng	98
13) 1,4-Dichlorobenzene	6.840	146	449377	37.367	ng	98
14) 1,2-Dichlorobenzene	6.993	146	415163	37.170	ng	99
15) Benzyl Alcohol	6.975	79	338138	36.522	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	508667	37.160	ng	97
17) 2-Methylphenol	7.093	107	329941	37.691	ng	99
18) Hexachloroethane	7.328	117	170469	37.747	ng	96
19) n-Nitroso-di-n-propyla...	7.240	70	292467	37.728	ng	99
20) 3+4-Methylphenols	7.251	107	447089	38.048	ng	99
22) Acetophenone	7.240	105	570823	36.576	ng	99
24) Nitrobenzene	7.416	77	442026	36.642	ng	98
25) Isophorone	7.651	82	760571	36.937	ng	98
26) 2-Nitrophenol	7.728	139	223593	37.681	ng	100
27) 2,4-Dimethylphenol	7.769	122	310135	36.445	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	441783	36.746	ng	99
29) 2,4-Dichlorophenol	7.981	162	347576	37.353	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	357735	36.442	ng	98
31) Naphthalene	8.128	128	1236861	36.937	ng	99
32) Benzoic acid	7.916	122	136023	38.294	ng	90
33) 4-Chloroaniline	8.187	127	473953	35.993	ng	99
34) Hexachlorobutadiene	8.240	225	216402	36.204	ng	98
35) Caprolactam	8.569	113	112286m	38.804	ng	
36) 4-Chloro-3-methylphenol	8.681	107	379845	37.839	ng	99
37) 2-Methylnaphthalene	8.822	142	808259	36.777	ng	100
38) 1-Methylnaphthalene	8.922	142	783296	36.673	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	347340	35.869	ng	99
41) Hexachlorocyclopentadiene	8.963	237	83865	40.121	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	235634	37.452	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.157	196	252490	37.301	ng		98
46)	1,1'-Biphenyl	9.287	154	965331	36.497	ng		99
47)	2-Chloronaphthalene	9.310	162	756470	36.147	ng		98
48)	2-Nitroaniline	9.416	65	250781	37.919	ng		99
49)	Acenaphthylene	9.728	152	1155595	36.414	ng		100
50)	Dimethylphthalate	9.587	163	912326	36.554	ng		99
51)	2,6-Dinitrotoluene	9.657	165	199443	36.838	ng		100
52)	Acenaphthene	9.898	154	701500	36.434	ng		99
53)	3-Nitroaniline	9.834	138	224579	37.509	ng		98
54)	2,4-Dinitrophenol	9.945	184	87695	38.847	ng		97
55)	Dibenzofuran	10.069	168	1047604	36.217	ng		96
56)	4-Nitrophenol	10.022	139	110680	41.552	ng		95
57)	2,4-Dinitrotoluene	10.069	165	266452	37.912	ng		99
58)	Fluorene	10.416	166	880132	36.441	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.198	232	192791	38.810	ng	#	78
60)	Diethylphthalate	10.281	149	910960	36.605	ng		98
61)	4-Chlorophenyl-phenyle...	10.404	204	393364	36.293	ng		98
62)	4-Nitroaniline	10.451	138	234005m	38.741	ng		
63)	Azobenzene	10.563	77	874493	36.763	ng		98
65)	4,6-Dinitro-2-methylph...	10.481	198	146208	40.710	ng		97
66)	n-Nitrosodiphenylamine	10.528	169	749681	36.307	ng		98
67)	4-Bromophenyl-phenylether	10.892	248	259865	36.267	ng		97
68)	Hexachlorobenzene	10.963	284	283756	36.558	ng		96
69)	Atrazine	11.051	200	232047	36.615	ng		98
70)	Pentachlorophenol	11.169	266	79964	37.325	ng		95
71)	Phenanthrene	11.381	178	1253278	36.681	ng		100
72)	Anthracene	11.433	178	1227905	36.139	ng		100
73)	Carbazole	11.592	167	1133802	36.760	ng		100
74)	Di-n-butylphthalate	11.904	149	1450244	36.534	ng		99
75)	Fluoranthene	12.575	202	1308028	37.412	ng		100
77)	Benzidine	12.692	184	450181	46.160	ng		99
78)	Pyrene	12.804	202	1312874	37.070	ng		100
80)	Butylbenzylphthalate	13.410	149	567786	37.888	ng		100
81)	Benzo(a)anthracene	13.992	228	1026533	36.615	ng		99
82)	3,3'-Dichlorobenzidine	13.951	252	317806	36.602	ng		99
83)	Chrysene	14.033	228	964838	36.765	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.963	149	693082	38.982	ng		99
85)	Di-n-octyl phthalate	14.574	149	937404	38.193	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.963	276	789593	39.428	ng		100
88)	Benzo(b)fluoranthene	15.045	252	721690	36.130	ng		99
89)	Benzo(k)fluoranthene	15.074	252	724691	37.831	ng		99
90)	Benzo(a)pyrene	15.410	252	577099	36.688	ng		99
91)	Dibenzo(a,h)anthracene	16.963	278	651385	39.421	ng		99
92)	Benzo(g,h,i)perylene	17.404	276	661131	40.105	ng		96

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

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