Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
Data File : BF127415.D
Acq On : 21 Mar 2022 18:09
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 22 01:23:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 01:16:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	86930	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	314864	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	180660	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	322141	20.000	ng		0.00
76) Chrysene-d12	14.022	240	251846	20.000	ng		0.00
86) Perylene-d12	15.498	264	168183	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	114412	21.158	ng		0.00
7) Phenol-d6	6.475	99	163468	21.975	ng		-0.01
23) Nitrobenzene-d5	7.410	82	153727	20.163	ng		-0.01
42) 2,4,6-Tribromophenol	10.681	330	37561	19.314	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	278241	21.774	ng		0.00
79) Terphenyl-d14	12.957	244	305693	20.901	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	24104	8.597	ng		95
3) Pyridine	3.381	79	63696	8.537	ng		99
4) n-Nitrosodimethylamine	3.328	42	35108	8.493	ng		96
6) Aniline	6.510	93	96384	10.842	ng		97
8) 2-Chlorophenol	6.634	128	61049	10.913	ng		97
9) Benzaldehyde	6.404	77	50500	11.646	ng		96
10) Phenol	6.493	94	89674	10.974	ng		94
11) bis(2-Chloroethyl)ether	6.581	93	63644	10.488	ng		97
12) 1,3-Dichlorobenzene	6.787	146	68849	10.964	ng		96
13) 1,4-Dichlorobenzene	6.863	146	69985	11.109	ng		99
14) 1,2-Dichlorobenzene	7.016	146	65945	11.122	ng		98
15) Benzyl Alcohol	6.993	79	60062	10.772	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	118164	10.376	ng		97
17) 2-Methylphenol	7.104	107	51320	10.791	ng		97
18) Hexachloroethane	7.351	117	24225	10.011	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	49436	10.649	ng		98
20) 3+4-Methylphenols	7.257	107	67904	11.010	ng	#	79
22) Acetophenone	7.257	105	88531	10.269	ng	#	95
24) Nitrobenzene	7.434	77	74609	10.346	ng		99
25) Isophorone	7.669	82	119655	9.760	ng		97
26) 2-Nitrophenol	7.751	139	30018	10.052	ng		94
27) 2,4-Dimethylphenol	7.781	122	45411	10.130	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	80471	10.359	ng		97
29) 2,4-Dichlorophenol	7.998	162	51951	10.119	ng		95
30) 1,2,4-Trichlorobenzene	8.069	180	62629	10.701	ng		99
31) Naphthalene	8.151	128	181588	10.811	ng		99
32) Benzoic acid	7.916	122	14732m	5.296	ng		
33) 4-Chloroaniline	8.204	127	68598	10.537	ng		100
34) Hexachlorobutadiene	8.263	225	38978	9.987	ng		97
35) Caprolactam	8.557	113	14809	9.656	ng		97
36) 4-Chloro-3-methylphenol	8.687	107	56542	10.161	ng		98
37) 2-Methylnaphthalene	8.845	142	115784	10.550	ng		99
38) 1-Methylnaphthalene	8.939	142	114173	10.821	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	59777	10.452	ng		98
41) Hexachlorocyclopentadiene	8.987	237	4075	2.028	ng		96
43) 2,4,6-Trichlorophenol	9.128	196	34636	9.596	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	35048	9.149	ng		97
46)	1,1'-Biphenyl	9.304	154	147692	10.832	ng		97
47)	2-Chloronaphthalene	9.334	162	114360	10.774	ng		99
48)	2-Nitroaniline	9.434	65	41569	10.179	ng		98
49)	Acenaphthylene	9.745	152	178062	10.962	ng		99
50)	Dimethylphthalate	9.604	163	128906	9.958	ng		100
51)	2,6-Dinitrotoluene	9.675	165	26642	10.174	ng		89
52)	Acenaphthene	9.922	154	102240	10.560	ng		95
53)	3-Nitroaniline	9.845	138	30282	10.612	ng		96
54)	2,4-Dinitrophenol	9.975	184	4164	3.227	ng		90
55)	Dibenzofuran	10.092	168	158961	10.568	ng		99
56)	4-Nitrophenol	10.028	139	11219	6.468	ng		90
57)	2,4-Dinitrotoluene	10.081	165	36054	10.465	ng		91
58)	Fluorene	10.434	166	126727	10.865	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	31031	9.747	ng		96
60)	Diethylphthalate	10.298	149	118013	9.994	ng		98
61)	4-Chlorophenyl-phenyle...	10.428	204	66577	10.533	ng		98
62)	4-Nitroaniline	10.457	138	27731m	9.752	ng		
63)	Azobenzene	10.586	77	138517	10.205	ng		99
65)	4,6-Dinitro-2-methylph...	10.492	198	15730	7.920	ng		95
66)	n-Nitrosodiphenylamine	10.545	169	106926	10.687	ng		99
67)	4-Bromophenyl-phenylether	10.916	248	40294	10.376	ng		94
68)	Hexachlorobenzene	10.981	284	43142	10.194	ng		98
69)	Atrazine	11.069	200	36108	10.459	ng		97
70)	Pentachlorophenol	11.192	266	7547m	4.417	ng		
71)	Phenanthrene	11.398	178	183075	10.766	ng		99
72)	Anthracene	11.451	178	180836	10.738	ng		100
73)	Carbazole	11.610	167	174916	11.029	ng		99
74)	Di-n-butylphthalate	11.928	149	175427	9.457	ng		98
75)	Fluoranthene	12.592	202	202465	10.648	ng		98
77)	Benzidine	12.722	184	62068	9.691	ng		98
78)	Pyrene	12.822	202	207653	10.586	ng		98
80)	Butylbenzylphthalate	13.433	149	67980	9.005	ng		91
81)	Benzo(a)anthracene	14.016	228	175059	10.323	ng		99
82)	3,3'-Dichlorobenzidine	13.974	252	53124	10.076	ng		97
83)	Chrysene	14.051	228	166031	10.527	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.986	149	80929	7.963	ng		98
85)	Di-n-octyl phthalate	14.598	149	108987	7.085	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.998	276	96849	9.559	ng		98
88)	Benzo(b)fluoranthene	15.069	252	116387	10.543	ng		98
89)	Benzo(k)fluoranthene	15.098	252	120074	11.568	ng		99
90)	Benzo(a)pyrene	15.439	252	89536	10.300	ng		97
91)	Dibenzo(a,h)anthracene	17.004	278	79587	9.438	ng	#	93
92)	Benzo(g,h,i)perylene	17.451	276	80968	9.844	ng		99

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

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