Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011822\
Data File : BF126595.D
Acq On : 18 Jan 2022 10:31
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 18 12:38:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 18 12:37:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2022
Supervised By :Jagrut Upadhyay 01/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	120824	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	475378	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	273791	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	477169	20.000	ng		0.00
76) Chrysene-d12	14.145	240	388940	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	339097	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	117890	11.387	ng		-0.01
7) Phenol-d6	6.563	99	163421	12.550	ng		-0.02
23) Nitrobenzene-d5	7.522	82	128784	12.131	ng		-0.01
42) 2,4,6-Tribromophenol	10.792	330	29822	15.425	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	238890	14.720	ng		0.00
79) Terphenyl-d14	13.080	244	275522	11.424	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	27100	5.422	ng		100
3) Pyridine	3.581	79	76868	7.696	ng	#	82
4) n-Nitrosodimethylamine	3.534	42	28323	4.475	ng	#	95
6) Aniline	6.622	93	97549	5.634	ng		99
8) 2-Chlorophenol	6.740	128	54289	5.168	ng		94
9) Benzaldehyde	6.516	77	63554	6.709	ng		86
10) Phenol	6.575	94	84328	5.757	ng		89
11) bis(2-Chloroethyl)ether	6.693	93	69786	6.005	ng		95
12) 1,3-Dichlorobenzene	6.904	146	58442	5.733	ng	#	94
13) 1,4-Dichlorobenzene	6.981	146	59660	5.776	ng		96
14) 1,2-Dichlorobenzene	7.134	146	56872	5.812	ng		99
15) Benzyl Alcohol	7.093	79	71366m	7.119	ng		
16) 2,2'-oxybis(1-Chloropr...	7.228	45	77551	3.922	ng		86
17) 2-Methylphenol	7.193	107	51509	6.001	ng	#	92
18) Hexachloroethane	7.475	117	23150	5.242	ng		95
19) n-Nitroso-di-n-propyla...	7.357	70	60487	7.738	ng	#	86
20) 3+4-Methylphenols	7.345	107	69277	7.026	ng	#	69
22) Acetophenone	7.363	105	94363	7.515	ng	#	90
24) Nitrobenzene	7.540	77	67411	6.101	ng	#	86
25) Isophorone	7.775	82	146484	7.370	ng	#	94
26) 2-Nitrophenol	7.857	139	14324	2.927	ng	#	68
27) 2,4-Dimethylphenol	7.881	122	49035	5.705	ng		85
28) bis(2-Chloroethoxy)met...	7.987	93	91644	7.800	ng	#	97
29) 2,4-Dichlorophenol	8.092	162	44355	6.395	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	47814	6.558	ng		98
31) Naphthalene	8.269	128	162972	6.140	ng		99
33) 4-Chloroaniline	8.310	127	64749	5.732	ng	#	90
34) Hexachlorobutadiene	8.381	225	29804	7.465	ng		99
35) Caprolactam	8.639	113	16049	4.621	ng	#	87
36) 4-Chloro-3-methylphenol	8.775	107	59129	6.903	ng	#	85
37) 2-Methylnaphthalene	8.957	142	102153	6.060	ng		98
38) 1-Methylnaphthalene	9.057	142	100338	6.444	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	47466	6.937	ng		99
41) Hexachlorocyclopentadiene	9.110	237	25427	9.968	ng		93
43) 2,4,6-Trichlorophenol	9.228	196	32742	7.217	ng		99
44) 2,4,5-Trichlorophenol	9.263	196	33612	6.927	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.422	154	133414	5.961	ng		97
47) 2-Chloronaphthalene	9.445	162	102310	6.334	ng		97
48) 2-Nitroaniline	9.539	65	23711	3.638	ng	#	87
49) Acenaphthylene	9.863	152	162382	6.674	ng		98
50) Dimethylphthalate	9.716	163	123494	6.661	ng		99
51) 2,6-Dinitrotoluene	9.781	165	15282	3.511	ng	#	81
52) Acenaphthene	10.039	154	98046	6.037	ng		98
53) 3-Nitroaniline	9.945	138	17830	3.377	ng	#	54
55) Dibenzofuran	10.210	168	151310	6.892	ng		98
56) 4-Nitrophenol	10.086	139	14455	4.239	ng	#	60
57) 2,4-Dinitrotoluene	10.181	165	16518	2.942	ng	#	82
58) Fluorene	10.551	166	118536	7.000	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	26948	6.713	ng		90
60) Diethylphthalate	10.416	149	125555	7.235	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	57326	7.266	ng		93
62) 4-Nitroaniline	10.557	138	17590	3.383	ng	#	59
63) Azobenzene	10.704	77	186297	8.344	ng		90
66) n-Nitrosodiphenylamine	10.657	169	101591	6.075	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	33408	6.836	ng		95
68) Hexachlorobenzene	11.098	284	35831	7.034	ng		94
69) Atrazine	11.180	200	32500	5.966	ng		96
70) Pentachlorophenol	11.286	266	17744	7.478	ng		99
71) Phenanthrene	11.522	178	179082	6.347	ng		98
72) Anthracene	11.569	178	182059	6.247	ng		98
73) Carbazole	11.722	167	168120	6.606	ng		99
74) Di-n-butylphthalate	12.057	149	199191	6.765	ng	#	99
75) Fluoranthene	12.710	202	175267	6.504	ng		98
77) Benzidine	12.833	184	93243	4.286	ng		97
78) Pyrene	12.945	202	181522	4.765	ng		98
80) Butylbenzylphthalate	13.563	149	75138	4.766	ng	#	97
81) Benzo(a)anthracene	14.133	228	157795	6.299	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	53090	5.535	ng	#	98
83) Chrysene	14.169	228	155814	5.605	ng		98
84) Bis(2-ethylhexyl)phtha...	14.121	149	106795	5.828	ng	#	99
85) Di-n-octyl phthalate	14.745	149	172815	5.517	ng		97
87) Indeno(1,2,3-cd)pyrene	17.221	276	114272	5.609	ng	#	90
88) Benzo(b)fluoranthene	15.216	252	130598	5.648	ng	#	94
89) Benzo(k)fluoranthene	15.245	252	134036	5.564	ng	#	94
90) Benzo(a)pyrene	15.598	252	106438	4.710	ng	#	95
91) Dibenzo(a,h)anthracene	17.245	278	95263	5.683	ng	#	93
92) Benzo(g,h,i)perylene	17.692	276	92991	5.158	ng	#	90

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

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