Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011822\
Data File : BF126598.D
Acq On : 18 Jan 2022 11:50
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 18 12:39:53 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 :
SSTDICCC040

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	6.969	152	132364	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	517133	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	288951	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	479170	20.000	ng		0.00
76) Chrysene-d12	14.151	240	329797	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	243143	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	729469	64.315	ng		0.00
7) Phenol-d6	6.581	99	1018639	71.406	ng		0.00
23) Nitrobenzene-d5	7.534	82	981464	84.987	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	191240	93.726	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1282626	74.888	ng		0.00
79) Terphenyl-d14	13.092	244	1378278	67.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	183593	33.533	ng		91
3) Pyridine	3.587	79	513482	46.929	ng	#	85
4) n-Nitrosodimethylamine	3.557	42	180374	26.016	ng		91
6) Aniline	6.634	93	641943m	33.844	ng		
8) 2-Chlorophenol	6.751	128	335108	29.118	ng		95
9) Benzaldehyde	6.522	77	339340	32.699	ng		84
10) Phenol	6.593	94	543519	33.873	ng		87
11) bis(2-Chloroethyl)ether	6.698	93	440191	34.575	ng		99
12) 1,3-Dichlorobenzene	6.904	146	374695	33.554	ng	#	90
13) 1,4-Dichlorobenzene	6.987	146	377824	33.390	ng		95
14) 1,2-Dichlorobenzene	7.140	146	354551	33.076	ng		98
15) Benzyl Alcohol	7.104	79	459621	41.852	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.240	45	505353	23.330	ng		83
17) 2-Methylphenol	7.204	107	332575	35.370	ng	#	92
18) Hexachloroethane	7.481	117	153622	31.750	ng		92
19) n-Nitroso-di-n-propyla...	7.381	70	366965	42.851	ng	#	84
20) 3+4-Methylphenols	7.357	107	424700	39.318	ng	#	76
22) Acetophenone	7.375	105	558388	40.880	ng	#	91
24) Nitrobenzene	7.551	77	509104	42.357	ng	#	86
25) Isophorone	7.787	82	903948	41.806	ng	#	93
26) 2-Nitrophenol	7.863	139	139672	26.233	ng	#	67
27) 2,4-Dimethylphenol	7.887	122	297445	31.814	ng		87
28) bis(2-Chloroethoxy)met...	7.992	93	561865	43.959	ng	#	97
29) 2,4-Dichlorophenol	8.098	162	286297	37.946	ng		95
30) 1,2,4-Trichlorobenzene	8.187	180	305344	38.500	ng		99
31) Naphthalene	8.275	128	987971	34.217	ng		100
32) Benzoic acid	8.004	122	161906	38.223	ng	#	78
33) 4-Chloroaniline	8.316	127	394116	32.074	ng	#	88
34) Hexachlorobutadiene	8.387	225	195616	45.043	ng		97
35) Caprolactam	8.692	113	102588	27.153	ng	#	84
36) 4-Chloro-3-methylphenol	8.787	107	373090	40.041	ng	#	85
37) 2-Methylnaphthalene	8.963	142	607996	33.157	ng		96
38) 1-Methylnaphthalene	9.063	142	591330	34.913	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	286472	39.668	ng		97
41) Hexachlorocyclopentadiene	9.116	237	182417	67.757	ng		95
43) 2,4,6-Trichlorophenol	9.234	196	207253	43.288	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.269	196	212958	41.585	ng		92
46)	1,1'-Biphenyl	9.428	154	760027	32.176	ng		96
47)	2-Chloronaphthalene	9.457	162	594809	34.891	ng		99
48)	2-Nitroaniline	9.545	65	230390	33.491	ng	#	88
49)	Acenaphthylene	9.875	152	931194	36.265	ng		98
50)	Dimethylphthalate	9.728	163	714647	36.524	ng		99
51)	2,6-Dinitrotoluene	9.792	165	135818	29.571	ng		87
52)	Acenaphthene	10.045	154	571783	33.359	ng		95
53)	3-Nitroaniline	9.963	138	154453	27.723	ng	#	76
54)	2,4-Dinitrophenol	10.057	184	48959	30.526	ng	#	63
55)	Dibenzofuran	10.216	168	848478	36.619	ng		94
56)	4-Nitrophenol	10.098	139	123696	34.372	ng	#	54
57)	2,4-Dinitrotoluene	10.192	165	169413	28.594	ng		89
58)	Fluorene	10.563	166	639724	35.795	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.328	232	177199	41.823	ng		88
60)	Diethylphthalate	10.428	149	710226	38.777	ng		99
61)	4-Chlorophenyl-phenyle...	10.551	204	318294	38.226	ng		93
62)	4-Nitroaniline	10.581	138	148910	27.140	ng	#	69
63)	Azobenzene	10.710	77	1052873	44.681	ng		90
65)	4,6-Dinitro-2-methylph...	10.598	198	78625	26.450	ng		85
66)	n-Nitrosodiphenylamine	10.669	169	568096	33.832	ng		98
67)	4-Bromophenyl-phenylether	11.045	248	194127	39.560	ng		95
68)	Hexachlorobenzene	11.104	284	206658	40.399	ng	#	94
69)	Atrazine	11.192	200	180769	33.045	ng		95
70)	Pentachlorophenol	11.292	266	126528	53.098	ng		99
71)	Phenanthrene	11.528	178	942927	33.278	ng		100
72)	Anthracene	11.580	178	949680	32.448	ng		99
73)	Carbazole	11.733	167	891498	34.885	ng		99
74)	Di-n-butylphthalate	12.057	149	1091120	36.904	ng	#	98
75)	Fluoranthene	12.716	202	943616	34.873	ng		98
77)	Benzidine	12.833	184	379653	20.581	ng		98
78)	Pyrene	12.951	202	947344	29.328	ng		99
80)	Butylbenzylphthalate	13.563	149	425468	31.826	ng	#	86
81)	Benzo(a)anthracene	14.139	228	791228	37.250	ng		98
82)	3,3'-Dichlorobenzidine	14.104	252	259649	31.924	ng	#	96
83)	Chrysene	14.180	228	748926	31.771	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.121	149	566125	36.435	ng		98
85)	Di-n-octyl phthalate	14.751	149	833625	31.384	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.239	276	558774	38.251	ng	#	89
88)	Benzo(b)fluoranthene	15.227	252	577318	34.820	ng	#	94
89)	Benzo(k)fluoranthene	15.257	252	589346	34.119	ng	#	94
90)	Benzo(a)pyrene	15.615	252	476046	29.380	ng	#	93
91)	Dibenzo(a,h)anthracene	17.262	278	466594	38.820	ng	#	94
92)	Benzo(g,h,i)perylene	17.721	276	457671	35.403	ng	#	88

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

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