Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133957.D
Acq On : 26 Jun 2023 17:37
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 26 23:04:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 22:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	126887	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	465721	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	236333	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	467665	20.000	ng	0.00
76) Chrysene-d12	14.045	240	254464	20.000	ng	0.00
86) Perylene-d12	15.545	264	235243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	595138	78.458	ng	0.00
7) Phenol-d6	6.492	99	720758	77.263	ng	0.00
23) Nitrobenzene-d5	7.416	82	690294	79.899	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	234521	79.146	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1255660	77.247	ng	0.00
79) Terphenyl-d14	12.980	244	1289812	81.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	124727	39.878	ng	100
3) Pyridine	3.416	79	324070	39.646	ng	100
4) n-Nitrosodimethylamine	3.381	42	188539	40.520	ng	100
6) Aniline	6.522	93	453971	39.991	ng	100
8) 2-Chlorophenol	6.639	128	300500	39.025	ng	100
9) Benzaldehyde	6.410	77	205076	40.010	ng	100
10) Phenol	6.504	94	382374	38.985	ng	100
11) bis(2-Chloroethyl)ether	6.592	93	284259	39.365	ng	100
12) 1,3-Dichlorobenzene	6.792	146	321537	39.168	ng	100
13) 1,4-Dichlorobenzene	6.869	146	328019	39.560	ng	100
14) 1,2-Dichlorobenzene	7.022	146	298383	38.424	ng	100
15) Benzyl Alcohol	6.998	79	289645	40.276	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	502621	39.344	ng	100
17) 2-Methylphenol	7.104	107	273481	39.662	ng	100
18) Hexachloroethane	7.363	117	122369	39.801	ng	100
19) n-Nitroso-di-n-propyla...	7.269	70	225178	38.063	ng	100
20) 3+4-Methylphenols	7.263	107	327318	39.129	ng	100
22) Acetophenone	7.263	105	408898	38.606	ng	100
24) Nitrobenzene	7.439	77	352553	40.382	ng	100
25) Isophorone	7.675	82	615689	39.211	ng	100
26) 2-Nitrophenol	7.751	139	172111	41.094	ng	100
27) 2,4-Dimethylphenol	7.786	122	265878	40.105	ng	100
28) bis(2-Chloroethoxy)met...	7.880	93	364590	40.101	ng	100
29) 2,4-Dichlorophenol	7.992	162	264507	40.235	ng	100
30) 1,2,4-Trichlorobenzene	8.075	180	270031	39.808	ng	100
31) Naphthalene	8.157	128	886027	39.386	ng	100
32) Benzoic acid	7.910	122	213311m	43.786	ng	
33) 4-Chloroaniline	8.204	127	386015	40.114	ng	100
34) Hexachlorobutadiene	8.269	225	170244	39.786	ng	100
35) Caprolactam	8.586	113	87584	40.462	ng	100
36) 4-Chloro-3-methylphenol	8.686	107	293384	39.726	ng	100
37) 2-Methylnaphthalene	8.845	142	620158	38.984	ng	100
38) 1-Methylnaphthalene	8.945	142	573549	38.783	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	276349	39.469	ng	100
41) Hexachlorocyclopentadiene	8.998	237	139206	41.907	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	191122	40.098	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.163	196	223598	39.881	ng	100
46)	1,1'-Biphenyl	9.310	154	745049	39.300	ng	100
47)	2-Chloronaphthalene	9.339	162	545525	39.329	ng	100
48)	2-Nitroaniline	9.433	65	203857	40.327	ng	100
49)	Acenaphthylene	9.751	152	935197	39.469	ng	100
50)	Dimethylphthalate	9.616	163	673727	39.272	ng	100
51)	2,6-Dinitrotoluene	9.680	165	150356	40.692	ng	100
52)	Acenaphthene	9.927	154	540093	39.282	ng	100
53)	3-Nitroaniline	9.851	138	177092	39.950	ng	100
54)	2,4-Dinitrophenol	9.957	184	79486	39.314	ng	100
55)	Dibenzofuran	10.098	168	851980	39.650	ng	100
56)	4-Nitrophenol	10.010	139	127111	40.995	ng	100
57)	2,4-Dinitrotoluene	10.086	165	197253	40.423	ng	100
58)	Fluorene	10.445	166	648880	38.816	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.216	232	174163	39.381	ng	100
60)	Diethylphthalate	10.316	149	703590	39.365	ng	100
61)	4-Chlorophenyl-phenyle...	10.433	204	315040	39.105	ng	100
62)	4-Nitroaniline	10.469	138	178179	39.885	ng	100
63)	Azobenzene	10.598	77	665555	39.366	ng	100
65)	4,6-Dinitro-2-methylph...	10.498	198	109534	42.960	ng	100
66)	n-Nitrosodiphenylamine	10.557	169	587428	39.314	ng	100
67)	4-Bromophenyl-phenylether	10.927	248	199438	40.122	ng	100
68)	Hexachlorobenzene	10.992	284	206910	39.204	ng	100
69)	Atrazine	11.086	200	156125	37.774	ng	100
70)	Pentachlorophenol	11.186	266	131568	41.693	ng	100
71)	Phenanthrene	11.410	178	917661	38.978	ng	100
72)	Anthracene	11.463	178	948970	38.753	ng	100
73)	Carbazole	11.621	167	888414	39.637	ng	100
74)	Di-n-butylphthalate	11.951	149	1067648	40.056	ng	100
75)	Fluoranthene	12.604	202	985651	38.726	ng	100
77)	Benzidine	12.727	184	260760	43.067	ng	100
78)	Pyrene	12.833	202	999135	42.191	ng	100
80)	Butylbenzylphthalate	13.457	149	367087	41.331	ng	100
81)	Benzo(a)anthracene	14.033	228	701787	39.767	ng	100
82)	3,3'-Dichlorobenzidine	13.998	252	218869	39.146	ng	100
83)	Chrysene	14.068	228	676271	39.565	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	417864	40.945	ng	100
85)	Di-n-octyl phthalate	14.639	149	610110	40.686	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.092	276	715327	43.822	ng	100
88)	Benzo(b)fluoranthene	15.104	252	555737	40.176	ng	100
89)	Benzo(k)fluoranthene	15.133	252	546366	38.795	ng	100
90)	Benzo(a)pyrene	15.480	252	535114	40.006	ng	100
91)	Dibenzo(a,h)anthracene	17.109	278	583513	43.765	ng	100
92)	Benzo(g,h,i)perylene	17.568	276	597174	43.433	ng	100

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

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