Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136028.D
Acq On : 30 Oct 2023 14:49
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 30 18:42:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 17:15:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	162133	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	642904	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	326706	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	612429	20.000	ng		0.00
76) Chrysene-d12	14.016	240	360705	20.000	ng		0.00
86) Perylene-d12	15.498	264	306498	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	987475	95.707	ng		0.00
7) Phenol-d6	6.463	99	1219237	94.844	ng		0.00
23) Nitrobenzene-d5	7.392	82	1036426	97.181	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	339209	97.273	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1865177	91.008	ng		0.00
79) Terphenyl-d14	12.963	244	2159614	93.043	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	221779	49.363	ng		98
3) Pyridine	3.340	79	605361	49.364	ng		99
4) n-Nitrosodimethylamine	3.310	42	254559	49.648	ng		98
6) Aniline	6.493	93	793165	47.656	ng		99
8) 2-Chlorophenol	6.610	128	522763	47.391	ng		98
9) Benzaldehyde	6.381	77	319038	44.508	ng		99
10) Phenol	6.475	94	632060m	47.533	ng		
11) bis(2-Chloroethyl)ether	6.569	93	493449	47.405	ng		99
12) 1,3-Dichlorobenzene	6.769	146	540526	47.081	ng		99
13) 1,4-Dichlorobenzene	6.845	146	544314	47.308	ng		99
14) 1,2-Dichlorobenzene	6.998	146	507045	47.130	ng		98
15) Benzyl Alcohol	6.969	79	438062	48.059	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	684585	47.781	ng		99
17) 2-Methylphenol	7.075	107	447802	47.853	ng		98
18) Hexachloroethane	7.334	117	193997	47.972	ng		100
19) n-Nitroso-di-n-propyla...	7.245	70	342894	46.683	ng		98
20) 3+4-Methylphenols	7.234	107	527739	46.249	ng		95
22) Acetophenone	7.240	105	655677	45.993	ng	#	95
24) Nitrobenzene	7.410	77	528522	48.993	ng		95
25) Isophorone	7.651	82	965665	47.962	ng		99
26) 2-Nitrophenol	7.722	139	255631	51.938	ng		98
27) 2,4-Dimethylphenol	7.763	122	444022	47.741	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	587307	47.608	ng		98
29) 2,4-Dichlorophenol	7.963	162	422565	48.194	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	454054	47.471	ng		97
31) Naphthalene	8.128	128	1468383	47.364	ng		100
32) Benzoic acid	7.887	122	357539m	47.699	ng		
33) 4-Chloroaniline	8.181	127	647840	47.717	ng		97
34) Hexachlorobutadiene	8.245	225	262743	47.899	ng		99
35) Caprolactam	8.563	113	141396	49.595	ng		93
36) 4-Chloro-3-methylphenol	8.657	107	441842	47.999	ng		97
37) 2-Methylnaphthalene	8.822	142	980074	47.147	ng		99
38) 1-Methylnaphthalene	8.922	142	898757	46.459	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	441005	47.331	ng		100
41) Hexachlorocyclopentadiene	8.975	237	251532	50.531	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	296423	48.793	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.134	196	339410	48.231	ng		97
46)	1,1'-Biphenyl	9.286	154	1168598	46.922	ng		99
47)	2-Chloronaphthalene	9.310	162	868670	47.313	ng		99
48)	2-Nitroaniline	9.410	65	279667	51.470	ng		90
49)	Acenaphthylene	9.728	152	1363477	47.603	ng		99
50)	Dimethylphthalate	9.592	163	1018595	47.267	ng		99
51)	2,6-Dinitrotoluene	9.651	165	231735	50.278	ng		93
52)	Acenaphthene	9.904	154	857782m	47.265	ng		
53)	3-Nitroaniline	9.822	138	266311	49.519	ng		94
54)	2,4-Dinitrophenol	9.922	184	108264	46.996	ng		96
55)	Dibenzofuran	10.075	168	1242927	46.814	ng		99
56)	4-Nitrophenol	9.975	139	205562	51.099	ng		90
57)	2,4-Dinitrotoluene	10.057	165	304752	52.259	ng		94
58)	Fluorene	10.416	166	922815	46.422	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.186	232	272163	48.646	ng		99
60)	Diethylphthalate	10.298	149	985290	47.852	ng		98
61)	4-Chlorophenyl-phenyle...	10.410	204	452335	45.585	ng		97
62)	4-Nitroaniline	10.439	138	265266	51.224	ng		98
63)	Azobenzene	10.575	77	942734	47.541	ng		96
65)	4,6-Dinitro-2-methylph...	10.463	198	158848	47.093	ng		89
66)	n-Nitrosodiphenylamine	10.533	169	864873	46.814	ng		99
67)	4-Bromophenyl-phenylether	10.904	248	305262	47.542	ng		98
68)	Hexachlorobenzene	10.963	284	322420	47.016	ng	#	93
69)	Atrazine	11.063	200	233320	46.417	ng		98
70)	Pentachlorophenol	11.157	266	224955	51.078	ng		98
71)	Phenanthrene	11.386	178	1431993	46.439	ng		99
72)	Anthracene	11.433	178	1466743	46.420	ng		99
73)	Carbazole	11.592	167	1293512	47.109	ng		99
74)	Di-n-butylphthalate	11.933	149	1480313	47.181	ng		99
75)	Fluoranthene	12.575	202	1488995	47.004	ng		100
77)	Benzidine	12.698	184	292523	41.608	ng		98
78)	Pyrene	12.810	202	1514516	47.624	ng		99
80)	Butylbenzylphthalate	13.439	149	578306	50.802	ng		99
81)	Benzo(a)anthracene	14.004	228	1142353	47.838	ng		100
82)	3,3'-Dichlorobenzidine	13.974	252	384332	50.426	ng	#	98
83)	Chrysene	14.045	228	1145084	48.691	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	660185	49.779	ng		99
85)	Di-n-octyl phthalate	14.627	149	1030900	51.888	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.015	276	1023483	51.094	ng		100
88)	Benzo(b)fluoranthene	15.063	252	898793	49.558	ng		98
89)	Benzo(k)fluoranthene	15.098	252	860347	47.945	ng		99
90)	Benzo(a)pyrene	15.439	252	831576	49.348	ng		99
91)	Dibenzo(a,h)anthracene	17.045	278	840537	51.226	ng		99
92)	Benzo(g,h,i)perylene	17.480	276	872871	46.802	ng		99

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

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