Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136646.D
Acq On : 20 Dec 2023 13:03
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 17:13:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:02:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	76261	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	302618	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	160178	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	304555	20.000	ng	0.00
76) Chrysene-d12	13.974	240	157547	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	143096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	463509	94.833	ng	0.00
7) Phenol-d6	6.445	99	605870	95.666	ng	0.00
23) Nitrobenzene-d5	7.363	82	559628	94.630	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	173290	91.860	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1071679	89.987	ng	0.00
79) Terphenyl-d14	12.916	244	1061529	94.159	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	96453	47.363	ng	98
3) Pyridine	3.310	79	243871	49.081	ng	96
4) n-Nitrosodimethylamine	3.287	42	130896	49.331	ng	96
6) Aniline	6.469	93	295965	46.742	ng	97
8) 2-Chlorophenol	6.587	128	252725	47.250	ng	95
9) Benzaldehyde	6.351	77	162048	44.984	ng	97
10) Phenol	6.457	94	315431	46.656	ng	97
11) bis(2-Chloroethyl)ether	6.539	93	245037	47.659	ng	100
12) 1,3-Dichlorobenzene	6.734	146	277592	47.575	ng	99
13) 1,4-Dichlorobenzene	6.810	146	280872	47.111	ng	98
14) 1,2-Dichlorobenzene	6.963	146	260676	46.988	ng	99
15) Benzyl Alcohol	6.945	79	205335	48.058	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	400903	47.693	ng	99
17) 2-Methylphenol	7.057	107	210289	47.458	ng	100
18) Hexachloroethane	7.298	117	104357	48.198	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	179094	46.650	ng	97
20) 3+4-Methylphenols	7.210	107	255919	46.230	ng	90
22) Acetophenone	7.210	105	352603	46.486	ng	98
24) Nitrobenzene	7.381	77	283709	47.890	ng	98
25) Isophorone	7.616	82	513637	47.732	ng	99
26) 2-Nitrophenol	7.692	139	136212	48.057	ng	96
27) 2,4-Dimethylphenol	7.734	122	166296	48.192	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	311238	47.583	ng	99
29) 2,4-Dichlorophenol	7.933	162	213284	48.010	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	234902	47.458	ng	98
31) Naphthalene	8.098	128	781151	46.986	ng	99
32) Benzoic acid	7.875	122	174630m	52.697	ng	
33) 4-Chloroaniline	8.151	127	289378	47.143	ng	98
34) Hexachlorobutadiene	8.210	225	142079	47.245	ng	98
35) Caprolactam	8.533	113	69883	47.671	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	238527	47.694	ng	96
37) 2-Methylnaphthalene	8.786	142	496699	46.423	ng	100
38) 1-Methylnaphthalene	8.886	142	484776	46.182	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	228622	46.087	ng	97
41) Hexachlorocyclopentadiene	8.933	237	74679	49.223	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	151427	47.598	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	165189	46.596	ng		96
46) 1,1'-Biphenyl	9.251	154	622783	46.333	ng		99
47) 2-Chloronaphthalene	9.275	162	473463	46.335	ng		98
48) 2-Nitroaniline	9.375	65	152949	47.799	ng		100
49) Acenaphthylene	9.692	152	718169	45.982	ng		100
50) Dimethylphthalate	9.557	163	549856	46.997	ng		99
51) 2,6-Dinitrotoluene	9.622	165	125595	47.300	ng		90
52) Acenaphthene	9.863	154	446614	46.130	ng		99
53) 3-Nitroaniline	9.792	138	129995	46.216	ng		95
54) 2,4-Dinitrophenol	9.898	184	67536	47.485	ng	#	88
55) Dibenzofuran	10.039	168	665856	45.370	ng		98
56) 4-Nitrophenol	9.957	139	95067	50.067	ng		97
57) 2,4-Dinitrotoluene	10.027	165	157829	45.786	ng		98
58) Fluorene	10.380	166	524156	45.012	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	130808	47.599	ng		98
60) Diethylphthalate	10.257	149	558808	46.033	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	255502	45.140	ng		95
62) 4-Nitroaniline	10.410	138	122849m	44.213	ng		
63) Azobenzene	10.533	77	522975	46.125	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	89262	51.141	ng		90
66) n-Nitrosodiphenylamine	10.498	169	458464	46.341	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	159193	47.066	ng		100
68) Hexachlorobenzene	10.927	284	174631	46.330	ng		97
69) Atrazine	11.022	200	106225	41.979	ng		99
70) Pentachlorophenol	11.122	266	89699	51.055	ng		98
71) Phenanthrene	11.345	178	716375	45.842	ng		98
72) Anthracene	11.398	178	725560	45.846	ng		100
73) Carbazole	11.557	167	684697	45.888	ng		99
74) Di-n-butylphthalate	11.886	149	843983	46.354	ng		100
75) Fluoranthene	12.539	202	748104	44.755	ng		98
77) Benzidine	12.663	184	218903	47.123	ng		98
78) Pyrene	12.768	202	751511	48.592	ng		99
80) Butylbenzylphthalate	13.392	149	274989	48.864	ng		99
81) Benzo(a)anthracene	13.963	228	510518	46.666	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	147248	47.395	ng		98
83) Chrysene	13.998	228	496944	46.452	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	350767	49.540	ng		99
85) Di-n-octyl phthalate	14.568	149	560951	51.216	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	530493	51.346	ng		100
88) Benzo(b)fluoranthene	15.015	252	442728	46.323	ng		100
89) Benzo(k)fluoranthene	15.045	252	426825	47.278	ng		99
90) Benzo(a)pyrene	15.386	252	391481	48.525	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	431081	50.858	ng		97
92) Benzo(g,h,i)perylene	17.409	276	452794	52.157	ng		99

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

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