Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134067.D
Acq On : 30 Jun 2023 23:43
Operator : CG\JU
Sample : 03471-03MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 01 04:34:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103433	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	391183	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	191710	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	310331	20.000	ng	0.00
76) Chrysene-d12	14.045	240	183263	20.000	ng	0.00
86) Perylene-d12	15.545	264	189291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	789392	127.664	ng	0.00
7) Phenol-d6	6.492	99	953697	125.416	ng	0.00
23) Nitrobenzene-d5	7.416	82	661343	91.134	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	275591	114.655	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1208574	91.656	ng	0.00
79) Terphenyl-d14	12.974	244	923328	81.087	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	107874	42.311	ng	98
3) Pyridine	3.475	79	282182	42.491	ng	99
4) n-Nitrosodimethylamine	3.446	42	205860	54.275	ng	99
6) Aniline	6.516	93	441247	47.685	ng	96
8) 2-Chlorophenol	6.634	128	357029	56.880	ng	99
9) Benzaldehyde	6.404	77	253436	81.752	ng	100
10) Phenol	6.504	94	425858	53.263	ng	83
11) bis(2-Chloroethyl)ether	6.587	93	322789	54.837	ng	98
12) 1,3-Dichlorobenzene	6.787	146	378670	56.587	ng	98
13) 1,4-Dichlorobenzene	6.863	146	381381	56.425	ng	98
14) 1,2-Dichlorobenzene	7.016	146	364050	57.510	ng	99
15) Benzyl Alcohol	6.992	79	335599	57.248	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	567749	54.520	ng	97
17) 2-Methylphenol	7.104	107	296664	52.780	ng	98
18) Hexachloroethane	7.357	117	144521	57.665	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	261563	54.239	ng	97
20) 3+4-Methylphenols	7.257	107	352591	51.708	ng	91
22) Acetophenone	7.257	105	497650	55.938	ng	96
24) Nitrobenzene	7.434	77	394134	53.746	ng	95
25) Isophorone	7.669	82	721944	54.739	ng	98
26) 2-Nitrophenol	7.745	139	196480	55.852	ng	91
27) 2,4-Dimethylphenol	7.786	122	317942	57.096	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	412419	54.005	ng	99
29) 2,4-Dichlorophenol	7.992	162	302785	54.834	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	321595	56.444	ng	97
31) Naphthalene	8.151	128	1012598	53.590	ng	99
32) Benzoic acid	7.904	122	179445m	43.005	ng	
33) 4-Chloroaniline	8.198	127	217920	26.961	ng	98
34) Hexachlorobutadiene	8.263	225	201960	56.192	ng	99
35) Caprolactam	8.586	113	101144m	55.631	ng	
36) 4-Chloro-3-methylphenol	8.686	107	345848	55.753	ng	97
37) 2-Methylnaphthalene	8.845	142	687313	51.438	ng	99
38) 1-Methylnaphthalene	8.945	142	636879	51.271	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	323395	56.939	ng	99
41) Hexachlorocyclopentadiene	8.992	237	229040	85.001	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	221005	57.160	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	232927	51.215	ng		95
46) 1,1'-Biphenyl	9.310	154	845734	54.995	ng		98
47) 2-Chloronaphthalene	9.333	162	632037	56.172	ng		97
48) 2-Nitroaniline	9.433	65	222086	54.158	ng		99
49) Acenaphthylene	9.751	152	1046076	54.424	ng		99
50) Dimethylphthalate	9.616	163	772536	55.513	ng		99
51) 2,6-Dinitrotoluene	9.680	165	166441	55.530	ng		99
52) Acenaphthene	9.922	154	612893	54.953	ng		98
53) 3-Nitroaniline	9.845	138	147123	40.915	ng		98
54) 2,4-Dinitrophenol	9.957	184	72419	43.680	ng		99
55) Dibenzofuran	10.098	168	907326	52.054	ng		100
56) 4-Nitrophenol	10.016	139	229850	91.384	ng		94
57) 2,4-Dinitrotoluene	10.086	165	207031	52.302	ng		92
58) Fluorene	10.439	166	714133	52.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	181018	50.459	ng		100
60) Diethylphthalate	10.316	149	796900	54.964	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	346252	52.984	ng		98
62) 4-Nitroaniline	10.469	138	157893	43.571	ng		96
63) Azobenzene	10.592	77	761502	55.525	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	62328	36.839	ng		95
66) n-Nitrosodiphenylamine	10.551	169	637374	64.283	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	208765	63.292	ng		92
68) Hexachlorobenzene	10.992	284	221874	63.353	ng		92
69) Atrazine	11.086	200	193180	70.437	ng		99
70) Pentachlorophenol	11.186	266	182876	87.333	ng		98
71) Phenanthrene	11.410	178	1129090	72.273	ng		99
72) Anthracene	11.463	178	934123	57.487	ng		99
73) Carbazole	11.616	167	786010	52.848	ng		99
74) Di-n-butylphthalate	11.945	149	1057906	59.813	ng		99
75) Fluoranthene	12.604	202	1207184	71.476	ng		99
77) Benzidine	12.727	184	311854	71.516	ng		99
78) Pyrene	12.833	202	1168093	68.489	ng		99
80) Butylbenzylphthalate	13.457	149	343166	53.649	ng		96
81) Benzo(a)anthracene	14.033	228	904483	71.165	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	223362	55.471	ng	#	97
83) Chrysene	14.074	228	857538	69.661	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	478161	65.057	ng		99
85) Di-n-octyl phthalate	14.639	149	845521	78.291	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	629141	47.898	ng		97
88) Benzo(b)fluoranthene	15.110	252	933370	83.857	ng		99
89) Benzo(k)fluoranthene	15.139	252	752306	66.385	ng		97
90) Benzo(a)pyrene	15.486	252	723484	67.219	ng		98
91) Dibenzo(a,h)anthracene	17.115	278	467948	43.617	ng		99
92) Benzo(g,h,i)perylene	17.568	276	501354	45.316	ng		99

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

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