Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134034.D
Acq On : 29 Jun 2023 13:38
Operator : CG\JU
Sample : 03365-24MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 30 07:03:53 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 23:12:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	111444	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	433441	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	222883	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	436017	20.000	ng	0.00
76) Chrysene-d12	14.045	240	222604	20.000	ng	0.00
86) Perylene-d12	15.545	264	222735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	627433	94.177	ng	0.01
7) Phenol-d6	6.493	99	781796	95.419	ng	0.00
23) Nitrobenzene-d5	7.410	82	520531	64.736	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	273038	97.705	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	983368	64.146	ng	0.00
79) Terphenyl-d14	12.980	244	1099352	79.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	108512	39.501	ng	100
3) Pyridine	3.487	79	265534	37.110	ng	96
4) n-Nitrosodimethylamine	3.446	42	191149	46.774	ng	92
6) Aniline	6.516	93	349094	35.014	ng	98
8) 2-Chlorophenol	6.634	128	324548	47.989	ng	99
9) Benzaldehyde	6.404	77	255677	69.783	ng	99
10) Phenol	6.504	94	390533	45.334	ng	88
11) bis(2-Chloroethyl)ether	6.587	93	292630	46.140	ng	97
12) 1,3-Dichlorobenzene	6.787	146	347222	48.157	ng	98
13) 1,4-Dichlorobenzene	6.863	146	347833	47.762	ng	99
14) 1,2-Dichlorobenzene	7.016	146	333754	48.934	ng	99
15) Benzyl Alcohol	6.992	79	305382	48.349	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	514433	45.849	ng	98
17) 2-Methylphenol	7.104	107	266857	44.064	ng	97
18) Hexachloroethane	7.357	117	135188	50.064	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	236900	45.594	ng	95
20) 3+4-Methylphenols	7.257	107	323014	43.965	ng	93
22) Acetophenone	7.257	105	457303	46.391	ng	97
24) Nitrobenzene	7.434	77	365211	44.947	ng	96
25) Isophorone	7.669	82	650035	44.482	ng	98
26) 2-Nitrophenol	7.745	139	183271	47.018	ng	93
27) 2,4-Dimethylphenol	7.787	122	280800	45.510	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	378450	44.725	ng	99
29) 2,4-Dichlorophenol	7.987	162	281345	45.984	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	293474	46.486	ng	99
31) Naphthalene	8.151	128	923747	44.121	ng	98
32) Benzoic acid	7.916	122	197482	42.713	ng	100
33) 4-Chloroaniline	8.198	127	112715	12.586	ng	98
34) Hexachlorobutadiene	8.263	225	188842	47.420	ng	98
35) Caprolactam	8.587	113	90832m	45.088	ng	
36) 4-Chloro-3-methylphenol	8.687	107	323414	47.053	ng	96
37) 2-Methylnaphthalene	8.845	142	626992	42.349	ng	100
38) 1-Methylnaphthalene	8.945	142	587137	42.658	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	299255	45.319	ng	98
41) Hexachlorocyclopentadiene	8.992	237	340240	108.609	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	203462	45.263	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	221520	41.895	ng		99
46) 1,1'-Biphenyl	9.310	154	801608	44.835	ng		98
47) 2-Chloronaphthalene	9.334	162	594601	45.454	ng		98
48) 2-Nitroaniline	9.434	65	210168	44.084	ng		96
49) Acenaphthylene	9.751	152	985147	44.086	ng		99
50) Dimethylphthalate	9.616	163	722359	44.648	ng		99
51) 2,6-Dinitrotoluene	9.681	165	160155	45.959	ng		97
52) Acenaphthene	9.922	154	571936	44.109	ng		99
53) 3-Nitroaniline	9.845	138	100266	23.984	ng		98
54) 2,4-Dinitrophenol	9.957	184	113473	57.526	ng		94
55) Dibenzofuran	10.098	168	871785	43.020	ng		98
56) 4-Nitrophenol	10.016	139	250800	85.767	ng		91
57) 2,4-Dinitrotoluene	10.086	165	205223	44.594	ng		89
58) Fluorene	10.439	166	692168	43.904	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	188328	45.154	ng		99
60) Diethylphthalate	10.316	149	759337	45.048	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	330707	43.527	ng		99
62) 4-Nitroaniline	10.469	138	167632	39.788	ng		96
63) Azobenzene	10.592	77	767437	48.132	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	94342	39.687	ng		98
66) n-Nitrosodiphenylamine	10.557	169	628475	45.114	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	209606	45.229	ng	#	90
68) Hexachlorobenzene	10.992	284	235732	47.907	ng		97
69) Atrazine	11.086	200	203172	52.726	ng		98
70) Pentachlorophenol	11.186	266	223900	76.102	ng		99
71) Phenanthrene	11.410	178	979204	44.611	ng		100
72) Anthracene	11.463	178	1006246	44.075	ng		100
73) Carbazole	11.616	167	915817	43.826	ng		99
74) Di-n-butylphthalate	11.945	149	1146442	46.134	ng		98
75) Fluoranthene	12.604	202	1006639	42.421	ng		99
77) Benzidine	12.727	184	381855	72.093	ng		98
78) Pyrene	12.833	202	1001454	48.341	ng		99
80) Butylbenzylphthalate	13.457	149	386506	49.746	ng		98
81) Benzo(a)anthracene	14.033	228	692934	44.885	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	101051	20.660	ng	#	97
83) Chrysene	14.069	228	649508	43.437	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	456660	51.151	ng		99
85) Di-n-octyl phthalate	14.639	149	716935	54.652	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	743494	48.105	ng		97
88) Benzo(b)fluoranthene	15.104	252	604746	46.174	ng		99
89) Benzo(k)fluoranthene	15.133	252	604732	45.350	ng		98
90) Benzo(a)pyrene	15.480	252	534940	42.239	ng		98
91) Dibenzo(a,h)anthracene	17.115	278	608621	48.212	ng		98
92) Benzo(g,h,i)perylene	17.574	276	612819	47.074	ng		98

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

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