Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135453.D
Acq On : 26 Sep 2023 15:23
Operator : CG\JU
Sample : 04531-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 27 02:12:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/27/2023
Supervised By :mohammad ahmed
09/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	165667	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	639951	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	304589	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	513027	20.000	ng		0.00
76) Chrysene-d12	13.945	240	281387	20.000	ng		0.00
86) Perylene-d12	15.410	264	375141	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1250799	122.798	ng		0.02
7) Phenol-d6	6.410	99	1585349	122.403	ng		0.00
23) Nitrobenzene-d5	7.322	82	1001319	85.008	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	315197	104.133	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1570319	77.783	ng		0.00
79) Terphenyl-d14	12.880	244	1127838	62.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.558	88	209283	46.869	ng		93
3) Pyridine	3.310	79	543081	45.190	ng		93
4) n-Nitrosodimethylamine	3.275	42	328936	51.579	ng		92
6) Aniline	6.428	93	537081	31.622	ng	#	70
8) 2-Chlorophenol	6.546	128	558899	51.400	ng		98
9) Benzaldehyde	6.310	77	156944	21.271	ng		98
10) Phenol	6.422	94	644878	45.407	ng		86
11) bis(2-Chloroethyl)ether	6.498	93	541840	50.862	ng		99
12) 1,3-Dichlorobenzene	6.698	146	523375	47.362	ng		97
13) 1,4-Dichlorobenzene	6.775	146	536880	47.753	ng		98
14) 1,2-Dichlorobenzene	6.922	146	499786	47.869	ng		98
15) Benzyl Alcohol	6.910	79	456198	49.085	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.034	45	970661	48.339	ng		85
17) 2-Methylphenol	7.022	107	449411	46.836	ng		96
18) Hexachloroethane	7.257	117	201794	48.577	ng		89
19) n-Nitroso-di-n-propyla...	7.175	70	348571	43.450	ng		95
20) 3+4-Methylphenols	7.175	107	511910	44.367	ng	#	87
22) Acetophenone	7.169	105	684764	46.803	ng		96
24) Nitrobenzene	7.345	77	573509	49.260	ng		96
25) Isophorone	7.581	82	1073569	49.634	ng		99
26) 2-Nitrophenol	7.657	139	299268	53.558	ng		96
27) 2,4-Dimethylphenol	7.698	122	441678	47.025	ng		98
28) bis(2-Chloroethoxy)met...	7.793	93	668084	51.606	ng		100
29) 2,4-Dichlorophenol	7.904	162	432101	49.649	ng		98
30) 1,2,4-Trichlorobenzene	7.975	180	441935	48.582	ng		97
31) Naphthalene	8.057	128	1483657	47.716	ng		99
32) Benzoic acid	7.845	122	315463	44.604	ng		100
33) 4-Chloroaniline	8.110	127	448777	32.897	ng		98
34) Hexachlorobutadiene	8.169	225	244292	44.537	ng		100
35) Caprolactam	8.492	113	148692m	50.906	ng		
36) 4-Chloro-3-methylphenol	8.610	107	473589	48.961	ng		95
37) 2-Methylnaphthalene	8.751	142	921434	44.086	ng		99
38) 1-Methylnaphthalene	8.851	142	887205	45.339	ng		100
40) 1,2,4,5-Tetrachloroben...	8.916	216	428864	48.601	ng		99
41) Hexachlorocyclopentadiene	8.898	237	144772	41.181	ng		97
43) 2,4,6-Trichlorophenol	9.034	196	290235	50.235	ng		100

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44) 2,4,5-Trichlorophenol	9.087	196	309434	46.507	ng		97
46) 1,1'-Biphenyl	9.216	154	1142000	48.788	ng		99
47) 2-Chloronaphthalene	9.239	162	802933	47.278	ng		98
48) 2-Nitroaniline	9.345	65	349138	52.916	ng		99
49) Acenaphthylene	9.657	152	1366733	48.423	ng		99
50) Dimethylphthalate	9.522	163	1001059	48.611	ng		100
51) 2,6-Dinitrotoluene	9.592	165	222850	49.398	ng		89
52) Acenaphthene	9.828	154	811304	48.657	ng		98
53) 3-Nitroaniline	9.763	138	219072	41.369	ng		92
54) 2,4-Dinitrophenol	9.875	184	186036	73.215	ng		91
55) Dibenzofuran	10.004	168	1139842	44.798	ng		99
56) 4-Nitrophenol	9.945	139	312576	92.874	ng		91
57) 2,4-Dinitrotoluene	9.998	165	246359	43.621	ng	#	78
58) Fluorene	10.345	166	902805	46.155	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	247669	48.390	ng		97
60) Diethylphthalate	10.228	149	961296	46.513	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	412860	43.939	ng		93
62) 4-Nitroaniline	10.381	138	237391	46.636	ng		94
63) Azobenzene	10.498	77	988266	48.859	ng		97
65) 4,6-Dinitro-2-methylph...	10.410	198	129246	47.432	ng		93
66) n-Nitrosodiphenylamine	10.463	169	825276	53.135	ng		100
67) 4-Bromophenyl-phenylether	10.828	248	259280	50.815	ng		95
68) Hexachlorobenzene	10.892	284	267918	51.540	ng	#	87
69) Atrazine	10.998	200	237563	56.845	ng		97
70) Pentachlorophenol	11.098	266	244261	78.538	ng		99
71) Phenanthrene	11.310	178	1293140	53.295	ng		98
72) Anthracene	11.363	178	1256113	50.364	ng		100
73) Carbazole	11.522	167	1127421	49.657	ng		99
74) Di-n-butylphthalate	11.851	149	1313298	49.089	ng		99
75) Fluoranthene	12.504	202	1184306	46.842	ng		97
77) Benzidine	12.633	184	401683	69.679	ng		100
78) Pyrene	12.733	202	1197713	44.707	ng		100
80) Butylbenzylphthalate	13.357	149	424402	44.994	ng		95
81) Benzo(a)anthracene	13.933	228	978567	53.856	ng		98
82) 3,3'-Dichlorobenzidine	13.898	252	310980	54.794	ng	#	97
83) Chrysene	13.969	228	944335	52.274	ng		99
84) Bis(2-ethylhexyl)phtha...	13.922	149	526019	54.345	ng		99
85) Di-n-octyl phthalate	14.539	149	1044964	67.933	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	924020	37.567	ng		96
88) Benzo(b)fluoranthene	14.986	252	1210134	59.590	ng	#	97
89) Benzo(k)fluoranthene	15.016	252	871460	43.442	ng	#	97
90) Benzo(a)pyrene	15.351	252	990554	51.149	ng		98
91) Dibenzo(a,h)anthracene	16.910	278	722204	35.885	ng		98
92) Benzo(g,h,i)perylene	17.345	276	680188	32.362	ng		96

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

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