Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
Data File : BF135585.D
Acq On : 04 Oct 2023 23:23
Operator : CG\JU
Sample : 04703-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 00:50:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	136849	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	531411	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	264906	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	500539	20.000	ng		0.00
76) Chrysene-d12	13.927	240	245330	20.000	ng		0.00
86) Perylene-d12	15.386	264	274028	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	732021	87.000	ng		0.01
7) Phenol-d6	6.393	99	896073	83.754	ng		0.00
23) Nitrobenzene-d5	7.304	82	560588	57.312	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	205367	78.011	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1015853	57.856	ng		0.00
79) Terphenyl-d14	12.863	244	1001408	63.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	179736	48.729	ng		97
3) Pyridine	3.252	79	412098	41.512	ng		99
4) n-Nitrosodimethylamine	3.228	42	261123	49.568	ng		95
6) Aniline	6.410	93	393398	28.040	ng	#	55
8) 2-Chlorophenol	6.528	128	440972	49.095	ng		98
9) Benzaldehyde	6.298	77	99542	16.332	ng		97
10) Phenol	6.404	94	540895	46.105	ng		96
11) bis(2-Chloroethyl)ether	6.481	93	443174	50.360	ng		99
12) 1,3-Dichlorobenzene	6.675	146	432818	47.415	ng		99
13) 1,4-Dichlorobenzene	6.757	146	438164	47.180	ng		99
14) 1,2-Dichlorobenzene	6.904	146	410333	47.577	ng		99
15) Benzyl Alcohol	6.892	79	353214	46.007	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.016	45	782582	47.179	ng		73
17) 2-Methylphenol	7.010	107	338453	42.700	ng	#	91
18) Hexachloroethane	7.240	117	166096	48.403	ng		90
19) n-Nitroso-di-n-propyla...	7.157	70	288313	43.507	ng		97
20) 3+4-Methylphenols	7.163	107	434632	45.602	ng	#	68
22) Acetophenone	7.151	105	562565	46.304	ng		91
24) Nitrobenzene	7.322	77	469159	48.528	ng		99
25) Isophorone	7.563	82	873637	48.641	ng		98
26) 2-Nitrophenol	7.640	139	239631	51.644	ng		96
27) 2,4-Dimethylphenol	7.681	122	320933	41.149	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	540386	50.267	ng		99
29) 2,4-Dichlorophenol	7.887	162	354511	49.054	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	362652	48.009	ng		98
31) Naphthalene	8.039	128	1201724	46.543	ng		99
32) Benzoic acid	7.839	122	274027	46.659	ng		98
33) 4-Chloroaniline	8.104	127	146447	12.928	ng		98
34) Hexachlorobutadiene	8.151	225	206020	45.231	ng		98
35) Caprolactam	8.475	113	118246m	48.751	ng		
36) 4-Chloro-3-methylphenol	8.598	107	388293	48.342	ng		98
37) 2-Methylnaphthalene	8.734	142	762736	43.947	ng		100
38) 1-Methylnaphthalene	8.828	142	733523	45.142	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	364830	47.538	ng		99
41) Hexachlorocyclopentadiene	8.881	237	169793	52.960	ng		96
43) 2,4,6-Trichlorophenol	9.016	196	239785	47.720	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	258751	44.715	ng		96
46) 1,1'-Biphenyl	9.198	154	964035	47.355	ng		99
47) 2-Chloronaphthalene	9.222	162	706194	47.811	ng		99
48) 2-Nitroaniline	9.334	65	286355	49.902	ng		98
49) Acenaphthylene	9.639	152	1163486	47.397	ng		100
50) Dimethylphthalate	9.504	163	866097	48.357	ng		100
51) 2,6-Dinitrotoluene	9.575	165	194031	49.453	ng		96
52) Acenaphthene	9.810	154	678367	46.779	ng		98
53) 3-Nitroaniline	9.745	138	145636	31.621	ng		96
54) 2,4-Dinitrophenol	9.863	184	196407	87.540	ng		89
55) Dibenzofuran	9.986	168	985028	44.513	ng		99
56) 4-Nitrophenol	9.933	139	225345	76.986	ng		98
57) 2,4-Dinitrotoluene	9.986	165	221109	45.014	ng	#	85
58) Fluorene	10.328	166	774493	45.526	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	208543	46.849	ng		98
60) Diethylphthalate	10.204	149	862142	47.964	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	373247	45.674	ng		97
62) 4-Nitroaniline	10.369	138	199292	45.016	ng		98
63) Azobenzene	10.480	77	879679	50.005	ng		97
65) 4,6-Dinitro-2-methylph...	10.398	198	135376	50.922	ng		95
66) n-Nitrosodiphenylamine	10.445	169	726004	47.910	ng		100
67) 4-Bromophenyl-phenylether	10.810	248	234639	47.133	ng		97
68) Hexachlorobenzene	10.875	284	252670	49.820	ng	#	90
69) Atrazine	10.980	200	220791	54.150	ng		99
70) Pentachlorophenol	11.080	266	207332	68.328	ng		99
71) Phenanthrene	11.292	178	1132130	47.823	ng		99
72) Anthracene	11.345	178	1119987	46.026	ng		100
73) Carbazole	11.510	167	1079699	48.742	ng		99
74) Di-n-butylphthalate	11.833	149	1360826	52.135	ng		99
75) Fluoranthene	12.486	202	1189323	48.214	ng		98
77) Benzidine	12.622	184	92223	18.349	ng		99
78) Pyrene	12.716	202	1197187	51.255	ng		100
80) Butylbenzylphthalate	13.339	149	479872	58.352	ng		94
81) Benzo(a)anthracene	13.916	228	774828	48.911	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	192795	38.963	ng	#	98
83) Chrysene	13.951	228	759190	48.202	ng		100
84) Bis(2-ethylhexyl)phtha...	13.904	149	547182	64.840	ng		100
85) Di-n-octyl phthalate	14.516	149	855169	63.766	ng		100
87) Indeno(1,2,3-cd)pyrene	16.880	276	908352	50.556	ng		97
88) Benzo(b)fluoranthene	14.963	252	743936	50.150	ng	#	98
89) Benzo(k)fluoranthene	14.992	252	621661	42.424	ng	#	98
90) Benzo(a)pyrene	15.327	252	644261	45.543	ng		100
91) Dibenzo(a,h)anthracene	16.880	278	739911	50.331	ng		98
92) Benzo(g,h,i)perylene	17.321	276	788487	51.356	ng		98

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

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