Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135988.D
Acq On : 27 Oct 2023 17:01
Operator : CG\JU
Sample : 04908-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

Quant Time: Oct 27 22:33:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	169816	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	677161	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	346598	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	577210	20.000	ng		0.00
76) Chrysene-d12	14.010	240	302327	20.000	ng		0.00
86) Perylene-d12	15.498	264	353635	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1297501	117.984	ng		0.02
7) Phenol-d6	6.463	99	1535557	112.157	ng		0.00
23) Nitrobenzene-d5	7.393	82	1053867	98.716	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	456156	150.360	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1908246	88.159	ng		0.00
79) Terphenyl-d14	12.957	244	1605711	88.738	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	204065	39.946	ng	#	82
3) Pyridine	3.493	79	465757	33.032	ng		97
4) n-Nitrosodimethylamine	3.446	42	249134	40.522	ng		94
6) Aniline	6.493	93	420675	22.819	ng		99
8) 2-Chlorophenol	6.610	128	553717	48.637	ng		99
9) Benzaldehyde	6.375	77	124997	16.877	ng		96
10) Phenol	6.475	94	588220m	41.096	ng		
11) bis(2-Chloroethyl)ether	6.569	93	538660	48.349	ng		100
12) 1,3-Dichlorobenzene	6.769	146	575082	47.557	ng		95
13) 1,4-Dichlorobenzene	6.845	146	580959	47.836	ng		99
14) 1,2-Dichlorobenzene	6.993	146	557732	49.454	ng		99
15) Benzyl Alcohol	6.969	79	455707	47.084	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	759181	46.271	ng		98
17) 2-Methylphenol	7.081	107	423715	42.228	ng		98
18) Hexachloroethane	7.340	117	207832	50.327	ng		91
19) n-Nitroso-di-n-propyla...	7.245	70	366241	47.041	ng		97
20) 3+4-Methylphenols	7.234	107	509178	42.046	ng	#	83
22) Acetophenone	7.240	105	738992	48.318	ng	#	92
24) Nitrobenzene	7.410	77	557811	49.648	ng		100
25) Isophorone	7.645	82	1039625	48.570	ng		100
26) 2-Nitrophenol	7.722	139	268893	60.574	ng		99
27) 2,4-Dimethylphenol	7.763	122	420904	43.146	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	646799	49.209	ng		99
29) 2,4-Dichlorophenol	7.963	162	454946	52.079	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	491394	49.682	ng		100
31) Naphthalene	8.128	128	1547501	47.268	ng		99
32) Benzoic acid	7.851	122	152181m	37.944	ng		
33) 4-Chloroaniline	8.175	127	99977	6.909	ng		96
34) Hexachlorobutadiene	8.245	225	279982	50.222	ng		99
35) Caprolactam	8.545	113	136885m	47.088	ng		
36) 4-Chloro-3-methylphenol	8.663	107	476446	51.322	ng		97
37) 2-Methylnaphthalene	8.822	142	994295	45.902	ng		98
38) 1-Methylnaphthalene	8.922	142	954595	47.163	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	474448	48.466	ng		100
41) Hexachlorocyclopentadiene	8.975	237	321826	66.673	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	313775	54.764	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	336524	49.468	ng		98
46) 1,1'-Biphenyl	9.287	154	1267443	48.260	ng		99
47) 2-Chloronaphthalene	9.310	162	959960	49.417	ng		97
48) 2-Nitroaniline	9.410	65	301266	54.924	ng		95
49) Acenaphthylene	9.728	152	1493135	48.722	ng		99
50) Dimethylphthalate	9.592	163	1115199	49.616	ng		99
51) 2,6-Dinitrotoluene	9.651	165	251230	53.315	ng		92
52) Acenaphthene	9.904	154	929049	47.304	ng		99
53) 3-Nitroaniline	9.816	138	169001	31.991	ng		98
54) 2,4-Dinitrophenol	9.922	184	57720	49.446	ng	#	89
55) Dibenzofuran	10.075	168	1326579	46.755	ng		98
56) 4-Nitrophenol	9.981	139	337798	74.924	ng		97
57) 2,4-Dinitrotoluene	10.057	165	318833	54.393	ng		99
58) Fluorene	10.416	166	970328	45.711	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	268858	52.521	ng		98
60) Diethylphthalate	10.298	149	1064805	49.679	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	480007	46.878	ng		97
62) 4-Nitroaniline	10.439	138	248284	45.265	ng		91
63) Azobenzene	10.575	77	1001433	46.040	ng		95
65) 4,6-Dinitro-2-methylph...	10.463	198	59675	37.017	ng		81
66) n-Nitrosodiphenylamine	10.533	169	915563	52.505	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	316550	53.550	ng		94
68) Hexachlorobenzene	10.963	284	347620	55.050	ng		96
69) Atrazine	11.063	200	314172	66.092	ng		99
70) Pentachlorophenol	11.157	266	254348	64.398	ng		100
71) Phenanthrene	11.380	178	1427744	48.891	ng		99
72) Anthracene	11.433	178	1446736	48.384	ng		99
73) Carbazole	11.592	167	1212037	45.440	ng		99
74) Di-n-butylphthalate	11.933	149	1528485	53.851	ng		99
75) Fluoranthene	12.575	202	1223039	39.809	ng		98
77) Benzidine	12.704	184	728693	125.000	ng		100
78) Pyrene	12.804	202	1198286	47.205	ng		99
80) Butylbenzylphthalate	13.439	149	457122	47.677	ng		99
81) Benzo(a)anthracene	13.998	228	1021463	49.690	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	192534	30.786	ng		100
83) Chrysene	14.039	228	977725	48.834	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	553146	52.991	ng		98
85) Di-n-octyl phthalate	14.627	149	1057664	64.321	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	773326	38.565	ng		99
88) Benzo(b)fluoranthene	15.063	252	1075595	51.108	ng		99
89) Benzo(k)fluoranthene	15.092	252	1016316	49.170	ng		99
90) Benzo(a)pyrene	15.433	252	914225	47.134	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	655299	38.206	ng		98
92) Benzo(g,h,i)perylene	17.462	276	572904	30.836	ng		99

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

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