Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
Data File : BF135360.D
Acq On : 20 Sep 2023 16:36
Operator : CG\JU
Sample : 04351-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 01:51:18 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 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	153586	20.000	ng		0.00
21) Naphthalene-d8	8.040	136	567657	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	259352	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	406362	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	255052	20.000	ng		0.00
86) Perylene-d12	15.410	264	329340	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	557104	58.996	ng		0.01
7) Phenol-d6	6.404	99	779767	64.941	ng		0.00
23) Nitrobenzene-d5	7.322	82	485212	46.439	ng		-0.01
42) 2,4,6-Tribromophenol	10.586	330	94260	36.573	ng		-0.01
45) 2-Fluorobiphenyl	9.116	172	810246	47.134	ng		-0.01
79) Terphenyl-d14	12.880	244	579552	35.225	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	176839	42.719	ng		97
3) Pyridine	3.305	79	439175	39.418	ng		98
4) n-Nitrosodimethylamine	3.281	42	279705	47.310	ng		99
6) Aniline	6.428	93	442979	28.133	ng	#	89
8) 2-Chlorophenol	6.545	128	451685	44.808	ng		99
9) Benzaldehyde	6.310	77	177244	25.912	ng		97
10) Phenol	6.422	94	526248	39.968	ng		85
11) bis(2-Chloroethyl)ether	6.498	93	436819	44.229	ng		99
12) 1,3-Dichlorobenzene	6.698	146	447983	43.728	ng		98
13) 1,4-Dichlorobenzene	6.775	146	451156	43.285	ng		98
14) 1,2-Dichlorobenzene	6.928	146	426095	44.021	ng		97
15) Benzyl Alcohol	6.910	79	360883	41.884	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.040	45	819756	44.035	ng		95
17) 2-Methylphenol	7.022	107	347567	39.072	ng		97
18) Hexachloroethane	7.263	117	167062	43.379	ng		90
19) n-Nitroso-di-n-propyla...	7.175	70	274425	36.898	ng		93
20) 3+4-Methylphenols	7.175	107	384597	35.955	ng		93
22) Acetophenone	7.169	105	545839	42.058	ng	#	96
24) Nitrobenzene	7.345	77	457928	44.342	ng		97
25) Isophorone	7.581	82	832738	43.403	ng		98
26) 2-Nitrophenol	7.657	139	228761	46.154	ng		97
27) 2,4-Dimethylphenol	7.704	122	336468	40.386	ng		96
28) bis(2-Chloroethoxy)met...	7.792	93	514800	44.830	ng		99
29) 2,4-Dichlorophenol	7.904	162	335711	43.486	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	354294	43.908	ng		100
31) Naphthalene	8.063	128	1167782	42.340	ng		100
32) Benzoic acid	7.840	122	246238	39.250	ng		99
33) 4-Chloroaniline	8.116	127	272626	22.529	ng		98
34) Hexachlorobutadiene	8.175	225	203209	41.765	ng		99
35) Caprolactam	8.498	113	116682m	45.035	ng		
36) 4-Chloro-3-methylphenol	8.610	107	364400	42.471	ng		97
37) 2-Methylnaphthalene	8.751	142	716602	38.652	ng		98
38) 1-Methylnaphthalene	8.851	142	683349	39.369	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	333555	44.393	ng		99
41) Hexachlorocyclopentadiene	8.898	237	123362	41.206	ng		96
43) 2,4,6-Trichlorophenol	9.039	196	221989	45.124	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	241937	42.705	ng		98
46) 1,1'-Biphenyl	9.222	154	872897	43.796	ng		99
47) 2-Chloronaphthalene	9.245	162	655132	45.303	ng		100
48) 2-Nitroaniline	9.345	65	256418	45.642	ng		96
49) Acenaphthylene	9.657	152	1042638	43.383	ng		99
50) Dimethylphthalate	9.528	163	781594	44.574	ng		100
51) 2,6-Dinitrotoluene	9.592	165	169539	44.136	ng		91
52) Acenaphthene	9.834	154	603655	42.519	ng		97
53) 3-Nitroaniline	9.763	138	148287	32.887	ng		90
54) 2,4-Dinitrophenol	9.875	184	89473	44.073	ng		94
55) Dibenzofuran	10.004	168	852645	39.356	ng		98
56) 4-Nitrophenol	9.939	139	217811	76.005	ng		97
57) 2,4-Dinitrotoluene	9.998	165	186455	38.772	ng		85
58) Fluorene	10.351	166	658717	39.550	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	173091	39.718	ng		99
60) Diethylphthalate	10.228	149	751513	42.705	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	311876	38.981	ng		98
62) 4-Nitroaniline	10.381	138	159547	36.810	ng		94
63) Azobenzene	10.504	77	728289	42.286	ng		99
65) 4,6-Dinitro-2-methylph...	10.410	198	70218	32.534	ng		93
66) n-Nitrosodiphenylamine	10.463	169	617261	50.174	ng		100
67) 4-Bromophenyl-phenylether	10.833	248	192191	47.554	ng		97
68) Hexachlorobenzene	10.898	284	194555	47.252	ng		97
69) Atrazine	10.998	200	184558	55.754	ng		98
70) Pentachlorophenol	11.098	266	171418	69.584	ng		97
71) Phenanthrene	11.316	178	862380	44.871	ng		100
72) Anthracene	11.363	178	875135	44.299	ng		100
73) Carbazole	11.528	167	792228	44.053	ng		99
74) Di-n-butylphthalate	11.857	149	1031244	48.664	ng		99
75) Fluoranthene	12.504	202	810402	40.467	ng		98
77) Benzidine	12.633	184	423815	81.110	ng		99
78) Pyrene	12.733	202	840748	34.623	ng		99
80) Butylbenzylphthalate	13.363	149	351759	41.143	ng		100
81) Benzo(a)anthracene	13.933	228	734864	44.620	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	276619	53.772	ng	#	97
83) Chrysene	13.974	228	733564	44.800	ng		99
84) Bis(2-ethylhexyl)phtha...	13.921	149	460205	52.455	ng	#	99
85) Di-n-octyl phthalate	14.545	149	901512	64.659	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	718009	33.251	ng		96
88) Benzo(b)fluoranthene	14.986	252	814051	45.660	ng		98
89) Benzo(k)fluoranthene	15.016	252	745913m	42.354	ng		
90) Benzo(a)pyrene	15.351	252	718321	42.250	ng		99
91) Dibenzo(a,h)anthracene	16.910	278	593583	33.596	ng		99
92) Benzo(g,h,i)perylene	17.339	276	546893	29.638	ng		97

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

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