Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135313.D
Acq On : 18 Sep 2023 18:42
Operator : CG\JU
Sample : 04305-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 19 00:13:53 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	128728	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	498703	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	246102	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	428252	20.000	ng	0.00
76) Chrysene-d12	13.945	240	191578	20.000	ng	0.00
86) Perylene-d12	15.410	264	262217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	522552	66.023	ng	0.00
7) Phenol-d6	6.404	99	658103	65.392	ng	0.00
23) Nitrobenzene-d5	7.322	82	403991	44.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	155870	63.733	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	737386	45.205	ng	-0.01
79) Terphenyl-d14	12.880	244	540551	43.740	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	134486	38.761	ng	99
3) Pyridine	3.281	79	338537	36.253	ng	95
4) n-Nitrosodimethylamine	3.252	42	227291	45.868	ng	92
6) Aniline	6.428	93	408172	30.929	ng	96
8) 2-Chlorophenol	6.545	128	369474	43.730	ng	99
9) Benzaldehyde	6.310	77	158233	27.599	ng	98
10) Phenol	6.416	94	442244	40.074	ng	92
11) bis(2-Chloroethyl)ether	6.498	93	350723	42.369	ng	97
12) 1,3-Dichlorobenzene	6.698	146	372828	43.420	ng	99
13) 1,4-Dichlorobenzene	6.775	146	372714	42.664	ng	98
14) 1,2-Dichlorobenzene	6.928	146	358768	44.223	ng	98
15) Benzyl Alcohol	6.910	79	317100	43.909	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	689910	44.216	ng	96
17) 2-Methylphenol	7.022	107	290873	39.013	ng	96
18) Hexachloroethane	7.263	117	145569	45.097	ng	93
19) n-Nitroso-di-n-propyla...	7.175	70	241892	38.804	ng	92
20) 3+4-Methylphenols	7.175	107	339149	37.829	ng	93
22) Acetophenone	7.169	105	473097	41.494	ng	98
24) Nitrobenzene	7.345	77	396023	43.650	ng	97
25) Isophorone	7.581	82	720060	42.720	ng	99
26) 2-Nitrophenol	7.657	139	200204	45.977	ng	98
27) 2,4-Dimethylphenol	7.698	122	292863	40.013	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	447151	44.323	ng	100
29) 2,4-Dichlorophenol	7.904	162	297041	43.797	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	316932	44.708	ng	98
31) Naphthalene	8.063	128	1027954	42.424	ng	99
32) Benzoic acid	7.840	122	240859	43.701	ng	95
33) 4-Chloroaniline	8.116	127	357341	33.613	ng	99
34) Hexachlorobutadiene	8.175	225	186976	43.743	ng	99
35) Caprolactam	8.492	113	104320m	45.831	ng	
36) 4-Chloro-3-methylphenol	8.604	107	328124	43.530	ng	99
37) 2-Methylnaphthalene	8.751	142	656358	40.298	ng	98
38) 1-Methylnaphthalene	8.851	142	628895	41.241	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	313495	43.970	ng	99
41) Hexachlorocyclopentadiene	8.898	237	180245	59.462	ng	97
43) 2,4,6-Trichlorophenol	9.034	196	209463	44.871	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	225389	41.926	ng	98
46) 1,1'-Biphenyl	9.216	154	829762	43.874	ng	98
47) 2-Chloronaphthalene	9.245	162	615852	44.880	ng	98
48) 2-Nitroaniline	9.345	65	244186	45.805	ng	93
49) Acenaphthylene	9.657	152	1009430	44.263	ng	100
50) Dimethylphthalate	9.528	163	743375	44.677	ng	100
51) 2,6-Dinitrotoluene	9.592	165	164886	45.236	ng	91
52) Acenaphthene	9.834	154	576834	42.817	ng	100
53) 3-Nitroaniline	9.763	138	155764	36.405	ng	93
54) 2,4-Dinitrophenol	9.875	184	152216	74.063	ng	93
55) Dibenzofuran	10.004	168	857359	41.704	ng	97
56) 4-Nitrophenol	9.939	139	222391	81.782	ng	97
57) 2,4-Dinitrotoluene	9.998	165	189979	41.632	ng	85
58) Fluorene	10.351	166	661460	41.853	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	170912	41.329	ng	98
60) Diethylphthalate	10.228	149	739089	44.260	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	314709	41.453	ng	99
62) 4-Nitroaniline	10.381	138	167010	40.607	ng	98
63) Azobenzene	10.504	77	713849	43.679	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	98840	43.454	ng	98
66) n-Nitrosodiphenylamine	10.463	169	610163	47.062	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	196630	46.165	ng	97
68) Hexachlorobenzene	10.898	284	206099	47.497	ng	94
69) Atrazine	10.998	200	181995	52.169	ng	98
70) Pentachlorophenol	11.098	266	197865	76.215	ng	98
71) Phenanthrene	11.316	178	952258	47.015	ng	100
72) Anthracene	11.369	178	915895	43.992	ng	99
73) Carbazole	11.528	167	805727	42.513	ng	99
74) Di-n-butylphthalate	11.857	149	1066202	47.742	ng	99
75) Fluoranthene	12.510	202	864047	40.940	ng	98
77) Benzidine	12.633	184	336849	85.825	ng	99
78) Pyrene	12.739	202	822899	45.116	ng	99
80) Butylbenzylphthalate	13.363	149	318359	49.574	ng	97
81) Benzo(a)anthracene	13.933	228	573531	46.362	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	209033	54.097	ng	99
83) Chrysene	13.969	228	573653	46.641	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	375407	56.966	ng	100
85) Di-n-octyl phthalate	14.545	149	653955	62.443	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	614306	35.731	ng	99
88) Benzo(b)fluoranthene	14.986	252	662508	46.673	ng	99
89) Benzo(k)fluoranthene	15.016	252	587456	41.896	ng	99
90) Benzo(a)pyrene	15.351	252	588622	43.484	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	503229	35.773	ng	99
92) Benzo(g,h,i)perylene	17.333	276	459221	31.258	ng	99

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

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