Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136086.D
Acq On : 01 Nov 2023 20:04
Operator : CG\JU
Sample : 05142-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-124037MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:42:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	143962	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	552977	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	271690	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	428907	20.000	ng		0.00
76) Chrysene-d12	14.015	240	275274	20.000	ng		0.00
86) Perylene-d12	15.504	264	267939	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	866437	94.575	ng		0.00
7) Phenol-d6	6.463	99	1069980	93.739	ng		0.00
23) Nitrobenzene-d5	7.392	82	642868	70.082	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	279868	96.508	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1171701	68.748	ng		0.00
79) Terphenyl-d14	12.957	244	1025696	57.905	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	150174	37.644	ng		99
3) Pyridine	3.404	79	362005	33.246	ng		99
4) n-Nitrosodimethylamine	3.375	42	182859	40.165	ng		98
6) Aniline	6.487	93	468055	31.672	ng		100
8) 2-Chlorophenol	6.610	128	414836	42.354	ng		98
9) Benzaldehyde	6.375	77	110308	17.331	ng		97
10) Phenol	6.475	94	498953m	42.262	ng		
11) bis(2-Chloroethyl)ether	6.563	93	387948	41.974	ng		97
12) 1,3-Dichlorobenzene	6.763	146	435918	42.762	ng		94
13) 1,4-Dichlorobenzene	6.845	146	443328	43.395	ng		99
14) 1,2-Dichlorobenzene	6.992	146	418541	43.814	ng		97
15) Benzyl Alcohol	6.969	79	333907	41.256	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	530091	41.668	ng		100
17) 2-Methylphenol	7.081	107	318302	38.308	ng		99
18) Hexachloroethane	7.334	117	149917	41.751	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	256884	39.387	ng		97
20) 3+4-Methylphenols	7.234	107	388032	38.298	ng		99
22) Acetophenone	7.234	105	531449	43.341	ng	#	88
24) Nitrobenzene	7.410	77	399018	43.003	ng		99
25) Isophorone	7.645	82	726160	41.932	ng		99
26) 2-Nitrophenol	7.722	139	204736	48.362	ng		95
27) 2,4-Dimethylphenol	7.763	122	303803	37.977	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	450988	42.503	ng		99
29) 2,4-Dichlorophenol	7.963	162	330978	43.887	ng		97
30) 1,2,4-Trichlorobenzene	8.045	180	361105	43.892	ng		99
31) Naphthalene	8.128	128	1126778	42.256	ng		99
32) Benzoic acid	7.881	122	261118m	41.518	ng		
33) 4-Chloroaniline	8.175	127	324564	27.793	ng		99
34) Hexachlorobutadiene	8.245	225	204995	43.449	ng		99
35) Caprolactam	8.551	113	112774m	45.988	ng		
36) 4-Chloro-3-methylphenol	8.657	107	343000	43.321	ng		98
37) 2-Methylnaphthalene	8.822	142	714299	39.950	ng		99
38) 1-Methylnaphthalene	8.922	142	695105	41.775	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	351335	45.343	ng		99
41) Hexachlorocyclopentadiene	8.975	237	162064	39.150	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	228619	45.253	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	245177	41.895	ng		98
46) 1,1'-Biphenyl	9.286	154	912383	44.052	ng		99
47) 2-Chloronaphthalene	9.310	162	684815	44.852	ng		98
48) 2-Nitroaniline	9.410	65	207889	46.007	ng		91
49) Acenaphthylene	9.728	152	1066896	44.792	ng		100
50) Dimethylphthalate	9.592	163	793863	44.298	ng		100
51) 2,6-Dinitrotoluene	9.651	165	174476	45.520	ng		96
52) Acenaphthene	9.898	154	640944	42.329	ng		100
53) 3-Nitroaniline	9.822	138	172021	38.463	ng		97
54) 2,4-Dinitrophenol	9.922	184	98093	50.489	ng	#	92
55) Dibenzofuran	10.075	168	938706	42.515	ng		99
56) 4-Nitrophenol	9.980	139	274639	82.095	ng		86
57) 2,4-Dinitrotoluene	10.057	165	222492	45.879	ng		93
58) Fluorene	10.416	166	693220	41.934	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	199493	42.877	ng		99
60) Diethylphthalate	10.292	149	754293	44.051	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	347597	42.123	ng		98
62) 4-Nitroaniline	10.433	138	162876	37.821	ng		99
63) Azobenzene	10.569	77	683506	41.448	ng		99
65) 4,6-Dinitro-2-methylph...	10.463	198	68440	31.328	ng		88
66) n-Nitrosodiphenylamine	10.533	169	641862	49.609	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	218494	48.589	ng		97
68) Hexachlorobenzene	10.963	284	235882	49.115	ng	#	93
69) Atrazine	11.063	200	206419	58.636	ng		99
70) Pentachlorophenol	11.157	266	244618	79.309	ng		97
71) Phenanthrene	11.380	178	967310	44.792	ng		99
72) Anthracene	11.433	178	966961	43.697	ng		99
73) Carbazole	11.592	167	821083	42.699	ng		99
74) Di-n-butylphthalate	11.933	149	1051686	47.862	ng		100
75) Fluoranthene	12.574	202	900373	40.584	ng		100
77) Benzidine	12.704	184	462300	86.165	ng		99
78) Pyrene	12.804	202	907987	37.413	ng		100
80) Butylbenzylphthalate	13.439	149	362837	41.766	ng		97
81) Benzo(a)anthracene	14.004	228	799885	43.892	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	296241	50.931	ng		99
83) Chrysene	14.045	228	779276	43.420	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	462036	45.650	ng	#	98
85) Di-n-octyl phthalate	14.627	149	874869	57.701	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	580561	33.153	ng		99
88) Benzo(b)fluoranthene	15.068	252	749421	47.269	ng		99
89) Benzo(k)fluoranthene	15.098	252	714147	45.525	ng		99
90) Benzo(a)pyrene	15.445	252	614749	41.731	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	491892	34.292	ng		98
92) Benzo(g,h,i)perylene	17.480	276	448970	28.729	ng		99

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

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