Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132172.D
Acq On : 20 Jan 2023 21:08
Operator : CG\JU
Sample : 01233-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:57:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.089	152	185010	20.000	ng		0.00
21) Naphthalene-d8	8.378	136	669898	20.000	ng		0.00
39) Acenaphthene-d10	10.142	164	363370	20.000	ng		0.00
64) Phenanthrene-d10	11.642	188	736982	20.000	ng		0.00
76) Chrysene-d12	14.307	240	439968	20.000	ng		0.00
86) Perylene-d12	15.901	264	406965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.725	112	1170508	110.521	ng		0.02
7) Phenol-d6	6.707	99	1556685	116.763	ng		0.00
23) Nitrobenzene-d5	7.654	82	1038246	82.333	ng		0.00
42) 2,4,6-Tribromophenol	10.942	330	507491	130.751	ng		0.00
45) 2-Fluorobiphenyl	9.454	172	1643177	66.077	ng		0.00
79) Terphenyl-d14	13.236	244	1952820	74.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	207857	38.739	ng		98
3) Pyridine	3.849	79	548016	38.047	ng		99
4) n-Nitrosodimethylamine	3.807	42	290475	42.880	ng		99
6) Aniline	6.748	93	647002m	35.037	ng		
8) 2-Chlorophenol	6.872	128	522722	46.955	ng		98
9) Benzaldehyde	6.642	77	263835	30.761	ng		96
10) Phenol	6.719	94	608599	43.850	ng		98
11) bis(2-Chloroethyl)ether	6.819	93	512037	43.580	ng		99
12) 1,3-Dichlorobenzene	7.031	146	550558	44.242	ng		98
13) 1,4-Dichlorobenzene	7.107	146	550651	44.346	ng		99
14) 1,2-Dichlorobenzene	7.260	146	530407	46.195	ng		98
15) Benzyl Alcohol	7.225	79	478521m	46.925	ng		
16) 2,2'-oxybis(1-Chloropr...	7.360	45	748437	43.829	ng		99
17) 2-Methylphenol	7.331	107	417984	42.858	ng		98
18) Hexachloroethane	7.607	117	207963	46.656	ng		95
19) n-Nitroso-di-n-propyla...	7.501	70	344907	42.235	ng		97
20) 3+4-Methylphenols	7.484	107	523952	42.635	ng		96
22) Acetophenone	7.501	105	665782	41.350	ng	#	98
24) Nitrobenzene	7.678	77	573088	42.922	ng		94
25) Isophorone	7.913	82	1058482	42.899	ng		98
26) 2-Nitrophenol	7.989	139	266866	52.343	ng		97
27) 2,4-Dimethylphenol	8.019	122	477808	44.753	ng		98
28) bis(2-Chloroethoxy)met...	8.119	93	603691	40.779	ng		99
29) 2,4-Dichlorophenol	8.231	162	443370	43.742	ng		98
30) 1,2,4-Trichlorobenzene	8.319	180	480908	41.772	ng		100
31) Naphthalene	8.401	128	1396657	40.595	ng		99
32) Benzoic acid	8.125	122	348706	48.766	ng		94
33) 4-Chloroaniline	8.442	127	226815	15.405	ng		95
34) Hexachlorobutadiene	8.513	225	324286	41.930	ng		99
35) Caprolactam	8.819	113	147152m	51.194	ng		
36) 4-Chloro-3-methylphenol	8.913	107	463852	45.475	ng		97
37) 2-Methylnaphthalene	9.095	142	924541	39.031	ng		99
38) 1-Methylnaphthalene	9.195	142	871246	39.530	ng		98
40) 1,2,4,5-Tetrachloroben...	9.260	216	497372	39.340	ng		99
41) Hexachlorocyclopentadiene	9.248	237	647423	93.842	ng		99
43) 2,4,6-Trichlorophenol	9.366	196	348929	44.470	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	376966	41.079	ng		98
46) 1,1'-Biphenyl	9.560	154	1147607	40.032	ng		99
47) 2-Chloronaphthalene	9.589	162	909791	41.054	ng		99
48) 2-Nitroaniline	9.678	65	322574	45.649	ng		98
49) Acenaphthylene	10.007	152	1442347	40.685	ng		99
50) Dimethylphthalate	9.854	163	1089664	41.405	ng		99
51) 2,6-Dinitrotoluene	9.919	165	251265	49.258	ng		94
52) Acenaphthene	10.178	154	962180	45.122	ng		98
53) 3-Nitroaniline	10.089	138	171804	31.502	ng		96
54) 2,4-Dinitrophenol	10.195	184	264179	108.931	ng	#	48
55) Dibenzofuran	10.354	168	1311397	39.795	ng		97
56) 4-Nitrophenol	10.242	139	397985	100.269	ng		88
57) 2,4-Dinitrotoluene	10.325	165	329933	53.885	ng		94
58) Fluorene	10.695	166	990200	40.552	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	323071	46.282	ng		99
60) Diethylphthalate	10.560	149	1081834	41.919	ng		99
61) 4-Chlorophenyl-phenyle...	10.683	204	529286	40.480	ng		98
62) 4-Nitroaniline	10.713	138	244667	48.187	ng		98
63) Azobenzene	10.848	77	1352716	52.226	ng		99
65) 4,6-Dinitro-2-methylph...	10.736	198	174002	48.068	ng		91
66) n-Nitrosodiphenylamine	10.807	169	891433	37.768	ng		100
67) 4-Bromophenyl-phenylether	11.177	248	343215	38.207	ng		98
68) Hexachlorobenzene	11.248	284	376827	42.208	ng		98
69) Atrazine	11.330	200	329931	45.307	ng		99
70) Pentachlorophenol	11.442	266	448896	78.244	ng		98
71) Phenanthrene	11.672	178	1509959	39.042	ng		99
72) Anthracene	11.724	178	1535077	39.234	ng		100
73) Carbazole	11.872	167	1406032	42.070	ng		100
74) Di-n-butylphthalate	12.195	149	1624073	43.651	ng		100
75) Fluoranthene	12.866	202	1690433	42.551	ng		100
77) Benzidine	12.983	184	767487	58.100	ng		99
78) Pyrene	13.101	202	1705612	42.064	ng		99
80) Butylbenzylphthalate	13.707	149	649876	49.125	ng		97
81) Benzo(a)anthracene	14.295	228	1303827	41.482	ng		99
82) 3,3'-Dichlorobenzidine	14.248	252	194473	22.217	ng	#	97
83) Chrysene	14.336	228	1215936	40.642	ng		100
84) Bis(2-ethylhexyl)phtha...	14.265	149	788199	44.799	ng		99
85) Di-n-octyl phthalate	14.907	149	1120414	43.907	ng		99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1242088	38.793	ng		99
88) Benzo(b)fluoranthene	15.424	252	1152284	46.503	ng		99
89) Benzo(k)fluoranthene	15.454	252	1091571	43.195	ng		99
90) Benzo(a)pyrene	15.830	252	1006189	42.213	ng		99
91) Dibenzo(a,h)anthracene	17.589	278	1008740	41.883	ng		99
92) Benzo(g,h,i)perylene	18.077	276	1041701	37.991	ng		98

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

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