Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132168.D
Acq On : 20 Jan 2023 18:56
Operator : CG\JU
Sample : 01160-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS

Manual Integrations APPROVED

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

Quant Time: Jan 21 03:55:11 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	180499	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	642399	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	329191	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	675987	20.000	ng	0.00
76) Chrysene-d12	14.307	240	393953	20.000	ng	0.00
86) Perylene-d12	15.901	264	382702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	871014	84.297	ng	0.01
7) Phenol-d6	6.701	99	1145184	88.044	ng	0.00
23) Nitrobenzene-d5	7.654	82	726080	60.043	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	339928	96.673	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1233089	54.735	ng	0.00
79) Terphenyl-d14	13.236	244	1410473	59.974	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.149	88	239688	45.788	ng	99
3) Pyridine	3.866	79	611469	43.513	ng	99
4) n-Nitrosodimethylamine	3.831	42	325803	49.297	ng	95
6) Aniline	6.748	93	576176m	31.982	ng	
8) 2-Chlorophenol	6.872	128	555669	51.162	ng	99
9) Benzaldehyde	6.642	77	291932	34.888	ng	99
10) Phenol	6.719	94	667203	49.274	ng	100
11) bis(2-Chloroethyl)ether	6.819	93	548037	47.810	ng	100
12) 1,3-Dichlorobenzene	7.031	146	591533	48.723	ng	99
13) 1,4-Dichlorobenzene	7.107	146	595212	49.132	ng	99
14) 1,2-Dichlorobenzene	7.260	146	566137	50.539	ng	97
15) Benzyl Alcohol	7.225	79	506017m	50.862	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	789107	47.365	ng	99
17) 2-Methylphenol	7.331	107	433268	45.535	ng	98
18) Hexachloroethane	7.607	117	222423	51.147	ng	99
19) n-Nitroso-di-n-propyla...	7.501	70	359230	45.088	ng	97
20) 3+4-Methylphenols	7.484	107	545690	45.513	ng	95
22) Acetophenone	7.501	105	695455	45.042	ng	97
24) Nitrobenzene	7.672	77	613731	47.934	ng	99
25) Isophorone	7.913	82	1098196	46.414	ng	98
26) 2-Nitrophenol	7.989	139	278422	56.676	ng	95
27) 2,4-Dimethylphenol	8.019	122	494401	48.290	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	626529	44.133	ng	100
29) 2,4-Dichlorophenol	8.231	162	465080	47.848	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	504315	45.680	ng	99
31) Naphthalene	8.401	128	1464521	44.390	ng	99
32) Benzoic acid	8.131	122	369968	53.119	ng	96
33) 4-Chloroaniline	8.442	127	153846	10.897	ng	94
34) Hexachlorobutadiene	8.513	225	336023	45.308	ng	99
35) Caprolactam	8.819	113	155804m	56.525	ng	
36) 4-Chloro-3-methylphenol	8.913	107	476700	48.735	ng	99
37) 2-Methylnaphthalene	9.095	142	963167	42.402	ng	100
38) 1-Methylnaphthalene	9.195	142	896976	42.440	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	511837	44.688	ng	99
41) Hexachlorocyclopentadiene	9.248	237	650462	104.071	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	357566	50.303	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	384342	46.231	ng		97
46) 1,1'-Biphenyl	9.560	154	1181561	45.496	ng		99
47) 2-Chloronaphthalene	9.589	162	930855	46.366	ng		98
48) 2-Nitroaniline	9.678	65	330105	51.236	ng		96
49) Acenaphthylene	10.007	152	1404459	43.730	ng		99
50) Dimethylphthalate	9.854	163	1096201	45.978	ng		100
51) 2,6-Dinitrotoluene	9.919	165	255141	55.211	ng		93
52) Acenaphthene	10.183	154	969450	50.183	ng		98
53) 3-Nitroaniline	10.089	138	154725	31.316	ng		97
54) 2,4-Dinitrophenol	10.195	184	270537	122.367	ng	#	49
55) Dibenzofuran	10.354	168	1321448	44.263	ng		97
56) 4-Nitrophenol	10.242	139	406423	113.027	ng		87
57) 2,4-Dinitrotoluene	10.325	165	327409	59.024	ng		95
58) Fluorene	10.701	166	996928	45.067	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.466	232	324362	51.291	ng		99
60) Diethylphthalate	10.560	149	1080527	46.215	ng		99
61) 4-Chlorophenyl-phenyle...	10.683	204	525127	44.332	ng		99
62) 4-Nitroaniline	10.713	138	242452	52.709	ng		98
63) Azobenzene	10.848	77	1142780	48.701	ng		99
65) 4,6-Dinitro-2-methylph...	10.730	198	174761	51.892	ng		90
66) n-Nitrosodiphenylamine	10.807	169	891161	41.164	ng		99
67) 4-Bromophenyl-phenylether	11.177	248	344041	41.755	ng		97
68) Hexachlorobenzene	11.248	284	374608	45.746	ng		96
69) Atrazine	11.330	200	322235	48.243	ng		99
70) Pentachlorophenol	11.442	266	448447	85.219	ng		97
71) Phenanthrene	11.672	178	1528554	43.089	ng		99
72) Anthracene	11.724	178	1522564	42.425	ng		100
73) Carbazole	11.871	167	1409163	45.968	ng		99
74) Di-n-butylphthalate	12.195	149	1603418	46.985	ng		100
75) Fluoranthene	12.866	202	1678286	46.057	ng		99
77) Benzidine	12.983	184	515761	43.604	ng		99
78) Pyrene	13.101	202	1695068	46.687	ng		99
80) Butylbenzylphthalate	13.707	149	608960	51.273	ng		97
81) Benzo(a)anthracene	14.295	228	1292695	45.931	ng		99
82) 3,3'-Dichlorobenzidine	14.248	252	199848	25.497	ng	#	98
83) Chrysene	14.336	228	1190256	44.431	ng		99
84) Bis(2-ethylhexyl)phtha...	14.265	149	735516	46.540	ng		100
85) Di-n-octyl phthalate	14.907	149	1035016	44.925	ng		99
87) Indeno(1,2,3-cd)pyrene	17.571	276	1320831	43.562	ng		99
88) Benzo(b)fluoranthene	15.424	252	1151600	49.422	ng		99
89) Benzo(k)fluoranthene	15.454	252	1115227	46.928	ng		98
90) Benzo(a)pyrene	15.836	252	1014886	45.277	ng		99
91) Dibenzo(a,h)anthracene	17.595	278	1058448	46.733	ng		99
92) Benzo(g,h,i)perylene	18.083	276	1117275	43.008	ng		99

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

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