Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132311.D
Acq On : 03 Feb 2023 01:31
Operator : CG\JU
Sample : 01386-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 02:21:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	168968	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	621878	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	288197	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	420498	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	245409	20.000	ng	0.00
86) Perylene-d12	15.877	264	287099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	928820	88.359	ng	0.01
7) Phenol-d6	6.684	99	1148762	88.641	ng	0.00
23) Nitrobenzene-d5	7.631	82	690399	61.779	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	258184	87.115	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1238019	66.337	ng	0.00
79) Terphenyl-d14	13.207	244	869294	68.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.066	88	207160	41.883	ng	97
3) Pyridine	3.808	79	504841	37.623	ng	97
4) n-Nitrosodimethylamine	3.766	42	171146	39.860	ng	93
6) Aniline	6.725	93	372762m	21.196	ng	
8) 2-Chlorophenol	6.849	128	533768	49.027	ng	97
9) Benzaldehyde	6.619	77	319967	46.858	ng	97
10) Phenol	6.696	94	595406	44.388	ng	98
11) bis(2-Chloroethyl)ether	6.796	93	505512	45.791	ng	96
12) 1,3-Dichlorobenzene	7.007	146	577902	50.187	ng	99
13) 1,4-Dichlorobenzene	7.084	146	574915	50.018	ng	100
14) 1,2-Dichlorobenzene	7.237	146	551422	51.442	ng	98
15) Benzyl Alcohol	7.201	79	410066	43.364	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	497833	42.802	ng	96
17) 2-Methylphenol	7.307	107	412278	43.260	ng	99
18) Hexachloroethane	7.584	117	215705	50.025	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	292955	39.796	ng	97
20) 3+4-Methylphenols	7.460	107	518320	42.612	ng	94
22) Acetophenone	7.472	105	669715	45.793	ng	99
24) Nitrobenzene	7.648	77	491588	43.058	ng	96
25) Isophorone	7.884	82	930286	43.859	ng	98
26) 2-Nitrophenol	7.966	139	282993	50.888	ng	91
27) 2,4-Dimethylphenol	7.990	122	467231	48.001	ng	99
28) bis(2-Chloroethoxy)met...	8.090	93	600297	46.054	ng	100
29) 2,4-Dichlorophenol	8.201	162	417404	48.300	ng	98
30) 1,2,4-Trichlorobenzene	8.290	180	462145	49.938	ng	98
31) Naphthalene	8.378	128	1441597	47.095	ng	99
32) Benzoic acid	8.078	122	270077m	37.484	ng	
33) 4-Chloroaniline	8.413	127	142152	10.472	ng	98
34) Hexachlorobutadiene	8.490	225	268172	51.547	ng	99
35) Caprolactam	8.790	113	132445	44.955	ng	93
36) 4-Chloro-3-methylphenol	8.895	107	424389	45.583	ng	97
37) 2-Methylnaphthalene	9.072	142	929400	44.824	ng	100
38) 1-Methylnaphthalene	9.172	142	863863	44.832	ng	100
40) 1,2,4,5-Tetrachloroben...	9.237	216	420131	51.803	ng	99
41) Hexachlorocyclopentadiene	9.219	237	330394	69.825	ng	100
43) 2,4,6-Trichlorophenol	9.342	196	286784	49.468	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	297201	44.539	ng		98
46) 1,1'-Biphenyl	9.537	154	1098215	49.428	ng		97
47) 2-Chloronaphthalene	9.560	162	841848	49.747	ng		99
48) 2-Nitroaniline	9.654	65	209942	41.714	ng	#	83
49) Acenaphthylene	9.984	152	1278590	46.294	ng		100
50) Dimethylphthalate	9.831	163	972403	48.235	ng		99
51) 2,6-Dinitrotoluene	9.895	165	215579	47.881	ng	#	85
52) Acenaphthene	10.154	154	843105	48.760	ng		100
53) 3-Nitroaniline	10.060	138	136418	24.985	ng		97
54) 2,4-Dinitrophenol	10.166	184	103835	41.961	ng	#	85
55) Dibenzofuran	10.325	168	1126268	46.359	ng		99
56) 4-Nitrophenol	10.213	139	302064	73.518	ng		96
57) 2,4-Dinitrotoluene	10.301	165	265977	45.477	ng	#	86
58) Fluorene	10.672	166	850988	45.514	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.437	232	214269	44.047	ng		97
60) Diethylphthalate	10.531	149	953382	47.539	ng		99
61) 4-Chlorophenyl-phenyle...	10.660	204	412567	46.495	ng		99
62) 4-Nitroaniline	10.678	138	160429	30.640	ng		97
63) Azobenzene	10.819	77	846753	43.346	ng		96
65) 4,6-Dinitro-2-methylph...	10.707	198	79145	33.163	ng		97
66) n-Nitrosodiphenylamine	10.778	169	729814	55.427	ng		99
67) 4-Bromophenyl-phenylether	11.154	248	246498	57.247	ng		99
68) Hexachlorobenzene	11.225	284	252072	54.771	ng	#	90
69) Atrazine	11.301	200	224783	59.351	ng		97
70) Pentachlorophenol	11.413	266	241904	76.499	ng		99
71) Phenanthrene	11.648	178	1748129	79.556	ng		100
72) Anthracene	11.695	178	1270105	56.797	ng		100
73) Carbazole	11.848	167	895942	44.683	ng		99
74) Di-n-butylphthalate	12.166	149	1235673	52.127	ng		99
75) Fluoranthene	12.848	202	2213157	98.699	ng		97
77) Benzidine	12.960	184	384192	44.779	ng		98
78) Pyrene	13.083	202	2480687	125.678	ng		98
80) Butylbenzylphthalate	13.683	149	425775	48.824	ng		98
81) Benzo(a)anthracene	14.277	228	1725124	100.507	ng		96
82) 3,3'-Dichlorobenzidine	14.230	252	200472	36.670	ng		99
83) Chrysene	14.313	228	1629602m	101.392	ng		
84) Bis(2-ethylhexyl)phtha...	14.242	149	609636	51.719	ng	#	99
85) Di-n-octyl phthalate	14.877	149	1125715	58.551	ng		97
87) Indeno(1,2,3-cd)pyrene	17.542	276	1555244	81.526	ng		94
88) Benzo(b)fluoranthene	15.407	252	2419234m	132.566	ng		
89) Benzo(k)fluoranthene	15.436	252	1064061	61.085	ng		98
90) Benzo(a)pyrene	15.819	252	1896934	111.626	ng		98
91) Dibenzo(a,h)anthracene	17.560	278	826873	53.912	ng		99
92) Benzo(g,h,i)perylene	18.054	276	1350219	85.214	ng		97

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

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