Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132348.D
Acq On : 07 Feb 2023 17:05
Operator : CG\JU
Sample : 01466-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 08 03:59:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.054	152	151947	20.000	ng		0.00
21) Naphthalene-d8	8.342	136	578757	20.000	ng	#	0.00
39) Acenaphthene-d10	10.101	164	296997	20.000	ng		0.00
64) Phenanthrene-d10	11.601	188	570928	20.000	ng		0.00
76) Chrysene-d12	14.260	240	318597	20.000	ng		0.00
86) Perylene-d12	15.836	264	325330	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.678	112	1054623	111.565	ng		0.01
7) Phenol-d6	6.672	99	1294221	111.052	ng		0.00
23) Nitrobenzene-d5	7.619	82	757585	72.841	ng		0.00
42) 2,4,6-Tribromophenol	10.901	330	438418	143.546	ng		0.00
45) 2-Fluorobiphenyl	9.419	172	1447614	75.269	ng		0.00
79) Terphenyl-d14	13.189	244	1653474	100.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.019	88	192885	43.365	ng		95
3) Pyridine	3.766	79	465333	38.563	ng		95
4) n-Nitrosodimethylamine	3.725	42	153675	39.800	ng		95
6) Aniline	6.713	93	506978m	32.058	ng		
8) 2-Chlorophenol	6.837	128	498335	50.900	ng		95
9) Benzaldehyde	6.601	77	269139	42.000	ng		99
10) Phenol	6.684	94	553991	45.926	ng		98
11) bis(2-Chloroethyl)ether	6.784	93	470087	47.352	ng		94
12) 1,3-Dichlorobenzene	6.995	146	524373	50.640	ng		97
13) 1,4-Dichlorobenzene	7.072	146	531360	51.407	ng		98
14) 1,2-Dichlorobenzene	7.225	146	511611	53.074	ng		97
15) Benzyl Alcohol	7.190	79	376140	44.232	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.319	45	425007	40.634	ng		95
17) 2-Methylphenol	7.295	107	383914	44.796	ng		98
18) Hexachloroethane	7.566	117	198052	51.076	ng		96
19) n-Nitroso-di-n-propyla...	7.460	70	269301	40.681	ng		97
20) 3+4-Methylphenols	7.448	107	488898	44.695	ng		92
22) Acetophenone	7.460	105	624074	45.852	ng		98
24) Nitrobenzene	7.637	77	446952	42.065	ng		93
25) Isophorone	7.872	82	852371	43.180	ng		97
26) 2-Nitrophenol	7.954	139	270979	52.358	ng	#	86
27) 2,4-Dimethylphenol	7.978	122	441816	48.772	ng		99
28) bis(2-Chloroethoxy)met...	8.078	93	544793	44.910	ng		99
29) 2,4-Dichlorophenol	8.190	162	400117	49.749	ng		98
30) 1,2,4-Trichlorobenzene	8.278	180	437152	50.757	ng		98
31) Naphthalene	8.360	128	1330646	46.709	ng		99
32) Benzoic acid	8.090	122	358359	53.443	ng		94
33) 4-Chloroaniline	8.401	127	182939	14.481	ng		98
34) Hexachlorobutadiene	8.472	225	254072	52.475	ng		99
35) Caprolactam	8.784	113	137985m	50.325	ng		
36) 4-Chloro-3-methylphenol	8.878	107	420617	48.544	ng		99
37) 2-Methylnaphthalene	9.054	142	891865	46.218	ng		99
38) 1-Methylnaphthalene	9.154	142	830413	46.307	ng		99
40) 1,2,4,5-Tetrachloroben...	9.219	216	415058	49.661	ng		100
41) Hexachlorocyclopentadiene	9.207	237	534961	109.708	ng		100
43) 2,4,6-Trichlorophenol	9.331	196	299427	50.118	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.366	196	322915	46.959	ng		99
46)	1,1'-Biphenyl	9.519	154	1083034	47.301	ng		98
47)	2-Chloronaphthalene	9.548	162	845245	48.468	ng		99
48)	2-Nitroaniline	9.636	65	215137	41.480	ng		85
49)	Acenaphthylene	9.966	152	1334582	46.890	ng		100
50)	Dimethylphthalate	9.813	163	994830	47.886	ng		98
51)	2,6-Dinitrotoluene	9.878	165	232905	50.197	ng		90
52)	Acenaphthene	10.136	154	957765	53.750	ng		99
53)	3-Nitroaniline	10.048	138	153393	27.261	ng		97
54)	2,4-Dinitrophenol	10.160	184	286162	104.969	ng	#	87
55)	Dibenzofuran	10.313	168	1167213	46.621	ng		99
56)	4-Nitrophenol	10.207	139	417711	98.652	ng		93
57)	2,4-Dinitrotoluene	10.289	165	316004	52.430	ng	#	81
58)	Fluorene	10.654	166	916735	47.578	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.425	232	264848	52.831	ng		97
60)	Diethylphthalate	10.519	149	1021820	49.441	ng		99
61)	4-Chlorophenyl-phenyle...	10.642	204	446248	48.801	ng		97
62)	4-Nitroaniline	10.672	138	248987	46.145	ng		96
63)	Azobenzene	10.807	77	887125	44.067	ng		92
65)	4,6-Dinitro-2-methylph...	10.695	198	177258	54.703	ng		96
66)	n-Nitrosodiphenylamine	10.760	169	817878	45.749	ng		99
67)	4-Bromophenyl-phenylether	11.136	248	289289	49.483	ng		98
68)	Hexachlorobenzene	11.207	284	332470	53.206	ng	#	92
69)	Atrazine	11.289	200	287654	55.939	ng		99
70)	Pentachlorophenol	11.401	266	376345	87.656	ng		99
71)	Phenanthrene	11.630	178	1382036	46.324	ng		99
72)	Anthracene	11.678	178	1416164	46.643	ng		99
73)	Carbazole	11.830	167	1256255	46.145	ng		99
74)	Di-n-butylphthalate	12.154	149	1617224	50.248	ng		99
75)	Fluoranthene	12.825	202	1390041	45.657	ng		98
77)	Benzidine	12.942	184	772354	69.341	ng		98
78)	Pyrene	13.060	202	1425745	55.639	ng		100
80)	Butylbenzylphthalate	13.666	149	664511	58.695	ng		95
81)	Benzo(a)anthracene	14.248	228	1067536	47.908	ng		98
82)	3,3'-Dichlorobenzidine	14.207	252	174457	24.581	ng	#	99
83)	Chrysene	14.289	228	979573	46.947	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.219	149	932047	60.907	ng		99
85)	Di-n-octyl phthalate	14.854	149	1339946	53.684	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	17.477	276	1170973	54.169	ng		97
88)	Benzo(b)fluoranthene	15.360	252	986280	47.694	ng		98
89)	Benzo(k)fluoranthene	15.395	252	948248	48.039	ng		98
90)	Benzo(a)pyrene	15.771	252	876825	45.534	ng		98
91)	Dibenzo(a,h)anthracene	17.495	278	955664	54.987	ng		98
92)	Benzo(g,h,i)perylene	17.977	276	917243	51.086	ng		97

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

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