Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136293.D
Acq On : 29 Nov 2023 20:18
Operator : CG\JU
Sample : 05311-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 29 23:49:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	128324	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	502776	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	225758	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	332786	20.000	ng		0.00
76) Chrysene-d12	13.986	240	233835	20.000	ng		0.00
86) Perylene-d12	15.468	264	256589	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	809107	87.759	ng		0.00
7) Phenol-d6	6.445	99	986704	85.592	ng		0.00
23) Nitrobenzene-d5	7.369	82	605720	63.663	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	222125	80.478	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1110523	62.832	ng		0.00
79) Terphenyl-d14	12.927	244	930674	45.909	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	146583	42.019	ng		98
3) Pyridine	3.410	79	347645	40.370	ng		96
4) n-Nitrosodimethylamine	3.381	42	183237	42.095	ng		92
6) Aniline	6.469	93	273833	25.131	ng		98
8) 2-Chlorophenol	6.592	128	458617	45.685	ng		95
9) Benzaldehyde	6.357	77	64765	10.080	ng		96
10) Phenol	6.457	94	543226	43.923	ng		95
11) bis(2-Chloroethyl)ether	6.545	93	412422	45.456	ng		97
12) 1,3-Dichlorobenzene	6.745	146	497849	43.700	ng		97
13) 1,4-Dichlorobenzene	6.822	146	512497	44.252	ng		98
14) 1,2-Dichlorobenzene	6.975	146	473585	43.194	ng		98
15) Benzyl Alcohol	6.951	79	362670	44.871	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	560293	44.459	ng		99
17) 2-Methylphenol	7.063	107	355060	44.989	ng		99
18) Hexachloroethane	7.316	117	174848	43.042	ng		93
19) n-Nitroso-di-n-propyla...	7.222	70	307422	44.588	ng		95
20) 3+4-Methylphenols	7.216	107	438690	42.769	ng		96
22) Acetophenone	7.216	105	650929	49.296	ng	#	94
24) Nitrobenzene	7.386	77	441595	45.800	ng		98
25) Isophorone	7.628	82	820596	47.832	ng		97
26) 2-Nitrophenol	7.704	139	223265	54.347	ng		92
27) 2,4-Dimethylphenol	7.739	122	310145	57.358	ng		97
28) bis(2-Chloroethoxy)met...	7.839	93	506708	48.829	ng		98
29) 2,4-Dichlorophenol	7.939	162	350531	48.062	ng		95
30) 1,2,4-Trichlorobenzene	8.022	180	415189	46.497	ng		98
31) Naphthalene	8.104	128	1343977	47.558	ng		98
32) Benzoic acid	7.863	122	220180m	44.680	ng		
33) 4-Chloroaniline	8.151	127	63975	6.660	ng		96
34) Hexachlorobutadiene	8.222	225	234967	44.978	ng		99
35) Caprolactam	8.533	113	96650m	47.404	ng		
36) 4-Chloro-3-methylphenol	8.639	107	354275	44.788	ng		96
37) 2-Methylnaphthalene	8.798	142	793635	44.769	ng		100
38) 1-Methylnaphthalene	8.898	142	757735	43.817	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	384437	53.507	ng		99
41) Hexachlorocyclopentadiene	8.951	237	326089	117.952	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	236863	50.792	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.116	196	246508	48.438	ng	95
46)	1,1'-Biphenyl	9.263	154	1025358	51.504	ng	98
47)	2-Chloronaphthalene	9.286	162	758931	49.088	ng	98
48)	2-Nitroaniline	9.386	65	195044	48.320	ng	88
49)	Acenaphthylene	9.704	152	1152389	52.231	ng	100
50)	Dimethylphthalate	9.569	163	841197	49.299	ng	100
51)	2,6-Dinitrotoluene	9.628	165	168078	48.217	ng	98
52)	Acenaphthene	9.875	154	663442	47.583	ng	100
53)	3-Nitroaniline	9.792	138	85209	24.635	ng	99
54)	2,4-Dinitrophenol	9.904	184	134509	82.967	ng	94
55)	Dibenzofuran	10.051	168	975927	47.038	ng	98
56)	4-Nitrophenol	9.963	139	224495	85.458	ng	86
57)	2,4-Dinitrotoluene	10.033	165	208693	44.819	ng	97
58)	Fluorene	10.392	166	728259	44.750	ng	98
59)	2,3,4,6-Tetrachlorophenol	10.169	232	181700	44.873	ng	100
60)	Diethylphthalate	10.269	149	782569	45.848	ng	99
61)	4-Chlorophenyl-phenyle...	10.386	204	351872	44.522	ng	98
62)	4-Nitroaniline	10.410	138	130636	38.585	ng	96
63)	Azobenzene	10.545	77	684675	43.269	ng	98
65)	4,6-Dinitro-2-methylph...	10.439	198	87844	48.270	ng	92
66)	n-Nitrosodiphenylamine	10.504	169	614830	57.651	ng	98
67)	4-Bromophenyl-phenylether	10.874	248	208085	53.596	ng	95
68)	Hexachlorobenzene	10.939	284	228590	50.872	ng	96
69)	Atrazine	11.039	200	184417	58.293	ng	96
70)	Pentachlorophenol	11.133	266	232857	91.677	ng	97
71)	Phenanthrene	11.357	178	961222	51.391	ng	99
72)	Anthracene	11.410	178	955587	50.946	ng	99
73)	Carbazole	11.563	167	769793	48.254	ng	99
74)	Di-n-butylphthalate	11.904	149	1037565	51.981	ng	99
75)	Fluoranthene	12.551	202	921403	48.526	ng	99
77)	Benzidine	12.674	184	142423	37.052	ng	99
78)	Pyrene	12.780	202	944701	36.889	ng	98
80)	Butylbenzylphthalate	13.410	149	377345	47.345	ng	97
81)	Benzo(a)anthracene	13.974	228	847869	48.816	ng	100
82)	3,3'-Dichlorobenzidine	13.939	252	166675	39.866	ng	97
83)	Chrysene	14.015	228	835161	49.801	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.974	149	532684	55.690	ng	99
85)	Di-n-octyl phthalate	14.592	149	1046514	65.282	ng	98
87)	Indeno(1,2,3-cd)pyrene	16.974	276	625527	33.473	ng	99
88)	Benzo(b)fluoranthene	15.033	252	929743	51.647	ng	100
89)	Benzo(k)fluoranthene	15.062	252	776281	45.403	ng	98
90)	Benzo(a)pyrene	15.404	252	716542	48.691	ng	98
91)	Dibenzo(a,h)anthracene	16.992	278	516741	34.384	ng	99
92)	Benzo(g,h,i)perylene	17.427	276	464880	30.805	ng	99

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

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