Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136297.D
Acq On : 29 Nov 2023 22:26
Operator : CG\JU
Sample : 05540-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD

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

Quant Time: Nov 29 23:51:20 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	125824	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	484122	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	198802	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	299364	20.000	ng		0.00
76) Chrysene-d12	13.986	240	238806	20.000	ng		0.00
86) Perylene-d12	15.468	264	237542	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	794520	87.889	ng		0.00
7) Phenol-d6	6.446	99	965220	85.392	ng		0.00
23) Nitrobenzene-d5	7.369	82	582749	63.609	ng		0.00
42) 2,4,6-Tribromophenol	10.634	330	205369	84.496	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1056251	67.864	ng		0.00
79) Terphenyl-d14	12.927	244	883617	42.681	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	118487	34.640	ng		98
3) Pyridine	3.393	79	294336	34.859	ng		96
4) n-Nitrosodimethylamine	3.357	42	163615	38.334	ng		94
6) Aniline	6.469	93	330561	30.941	ng		98
8) 2-Chlorophenol	6.593	128	418291	42.496	ng		94
9) Benzaldehyde	6.357	77	41924	6.655	ng		97
10) Phenol	6.457	94	502227	41.415	ng		94
11) bis(2-Chloroethyl)ether	6.546	93	374937	42.146	ng		99
12) 1,3-Dichlorobenzene	6.746	146	442979	39.656	ng		97
13) 1,4-Dichlorobenzene	6.822	146	457559	40.293	ng		98
14) 1,2-Dichlorobenzene	6.975	146	424376	39.475	ng		98
15) Benzyl Alcohol	6.951	79	328119	41.403	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	504013	40.788	ng		98
17) 2-Methylphenol	7.063	107	319681	41.311	ng		97
18) Hexachloroethane	7.316	117	157915	39.646	ng		92
19) n-Nitroso-di-n-propyla...	7.222	70	275341	40.729	ng		96
20) 3+4-Methylphenols	7.210	107	396682	39.442	ng		95
22) Acetophenone	7.216	105	584183	45.946	ng	#	94
24) Nitrobenzene	7.387	77	395141	42.561	ng		96
25) Isophorone	7.628	82	734007	44.433	ng		96
26) 2-Nitrophenol	7.698	139	200418	50.665	ng		97
27) 2,4-Dimethylphenol	7.740	122	284673	54.676	ng		98
28) bis(2-Chloroethoxy)met...	7.840	93	454631	45.498	ng		98
29) 2,4-Dichlorophenol	7.940	162	316828	45.115	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	375163	43.633	ng		99
31) Naphthalene	8.104	128	1183248	43.483	ng		98
32) Benzoic acid	7.863	122	220774m	46.526	ng		
33) 4-Chloroaniline	8.151	127	121308	13.115	ng		98
34) Hexachlorobutadiene	8.222	225	213037	42.351	ng		98
35) Caprolactam	8.528	113	87401m	44.519	ng		
36) 4-Chloro-3-methylphenol	8.640	107	307431	40.363	ng		97
37) 2-Methylnaphthalene	8.798	142	704712	41.285	ng		99
38) 1-Methylnaphthalene	8.898	142	671591	40.332	ng		96
40) 1,2,4,5-Tetrachloroben...	8.963	216	329352	52.056	ng		99
41) Hexachlorocyclopentadiene	8.951	237	250024	102.701	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	204246	49.736	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	207732	46.353	ng		97
46)	1,1'-Biphenyl	9.263	154	896793	51.154	ng		97
47)	2-Chloronaphthalene	9.287	162	658458	48.364	ng		98
48)	2-Nitroaniline	9.387	65	171534	48.258	ng	#	81
49)	Acenaphthylene	9.704	152	986361	50.768	ng		99
50)	Dimethylphthalate	9.569	163	744973	49.579	ng		100
51)	2,6-Dinitrotoluene	9.628	165	146152	47.612	ng		98
52)	Acenaphthene	9.875	154	572579	46.634	ng		99
53)	3-Nitroaniline	9.792	138	96309	31.620	ng		99
54)	2,4-Dinitrophenol	9.904	184	115218	80.704	ng	#	87
55)	Dibenzofuran	10.045	168	844747	46.236	ng		99
56)	4-Nitrophenol	9.957	139	201027	86.900	ng		94
57)	2,4-Dinitrotoluene	10.034	165	180078	43.918	ng		97
58)	Fluorene	10.392	166	630407	43.989	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.163	232	154570	43.349	ng		100
60)	Diethylphthalate	10.269	149	679160	45.185	ng		99
61)	4-Chlorophenyl-phenyle...	10.386	204	305503	43.897	ng		99
62)	4-Nitroaniline	10.410	138	115304	38.675	ng		96
63)	Azobenzene	10.545	77	588120	42.206	ng		98
65)	4,6-Dinitro-2-methylph...	10.439	198	75161	45.912	ng		85
66)	n-Nitrosodiphenylamine	10.504	169	526142	54.843	ng		98
67)	4-Bromophenyl-phenylether	10.875	248	176400	50.507	ng		97
68)	Hexachlorobenzene	10.939	284	195058	48.256	ng		97
69)	Atrazine	11.039	200	162944	57.256	ng		97
70)	Pentachlorophenol	11.133	266	212882	93.170	ng		97
71)	Phenanthrene	11.357	178	900962	53.547	ng		99
72)	Anthracene	11.410	178	846641	50.177	ng		99
73)	Carbazole	11.563	167	693146	48.301	ng		99
74)	Di-n-butylphthalate	11.904	149	918823	51.171	ng		99
75)	Fluoranthene	12.551	202	962656	56.359	ng		98
77)	Benzidine	12.675	184	255171	65.003	ng		98
78)	Pyrene	12.780	202	990571	37.875	ng		98
80)	Butylbenzylphthalate	13.410	149	374563	46.018	ng		99
81)	Benzo(a)anthracene	13.974	228	890864	50.224	ng		100
82)	3,3'-Dichlorobenzidine	13.939	252	234573	54.938	ng		97
83)	Chrysene	14.016	228	867745	50.667	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.974	149	534818	54.749	ng		100
85)	Di-n-octyl phthalate	14.592	149	1038890	63.602	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.968	276	563932	32.667	ng		100
88)	Benzo(b)fluoranthene	15.033	252	901613	54.100	ng		100
89)	Benzo(k)fluoranthene	15.063	252	721965	45.612	ng		99
90)	Benzo(a)pyrene	15.404	252	663770	48.722	ng		98
91)	Dibenzo(a,h)anthracene	16.992	278	454565	32.808	ng		100
92)	Benzo(g,h,i)perylene	17.427	276	421934	30.238	ng		98

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

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