Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136324.D
Acq On : 30 Nov 2023 20:45
Operator : CG\JU
Sample : 05562-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD

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

Quant Time: Dec 01 00:13:01 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	113996	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	420792	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	163883	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	262536	20.000	ng		0.00
76) Chrysene-d12	13.992	240	235322	20.000	ng		0.00
86) Perylene-d12	15.468	264	168969	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	802616	97.997	ng		0.01
7) Phenol-d6	6.446	99	950962	92.860	ng		0.00
23) Nitrobenzene-d5	7.369	82	585302	73.503	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	189758	94.708	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1024328	79.836	ng		0.00
79) Terphenyl-d14	12.933	244	1035165	50.741	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	133341	43.027	ng		97
3) Pyridine	3.410	79	311425	40.710	ng		96
4) n-Nitrosodimethylamine	3.375	42	156844	40.560	ng		92
6) Aniline	6.475	93	131658	13.602	ng		96
8) 2-Chlorophenol	6.593	128	383342	42.986	ng		94
9) Benzaldehyde	6.363	77	174046	30.493	ng		93
10) Phenol	6.463	94	444516	40.460	ng		92
11) bis(2-Chloroethyl)ether	6.546	93	352411	43.724	ng		98
12) 1,3-Dichlorobenzene	6.751	146	423491	41.845	ng		98
13) 1,4-Dichlorobenzene	6.828	146	428981	41.696	ng		97
14) 1,2-Dichlorobenzene	6.975	146	400728	41.143	ng		97
15) Benzyl Alcohol	6.951	79	300410	41.840	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	468732	41.869	ng		97
17) 2-Methylphenol	7.063	107	288660	41.172	ng		98
18) Hexachloroethane	7.316	117	146568	40.615	ng		94
19) n-Nitroso-di-n-propyla...	7.222	70	250330	40.871	ng		96
20) 3+4-Methylphenols	7.216	107	352168	38.649	ng	#	86
22) Acetophenone	7.216	105	534498	48.365	ng	#	92
24) Nitrobenzene	7.387	77	363114	44.998	ng		97
25) Isophorone	7.628	82	657827	45.815	ng		97
26) 2-Nitrophenol	7.704	139	181725	52.854	ng		94
27) 2,4-Dimethylphenol	7.740	122	255211	56.394	ng		96
28) bis(2-Chloroethoxy)met...	7.840	93	413913	47.658	ng		97
29) 2,4-Dichlorophenol	7.945	162	275523	45.138	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	329164	44.045	ng		99
31) Naphthalene	8.110	128	1042144	44.062	ng		98
32) Benzoic acid	7.857	122	180945m	43.872	ng		
33) 4-Chloroaniline	8.157	127	31695	3.942	ng		94
34) Hexachlorobutadiene	8.222	225	190260	43.516	ng		99
35) Caprolactam	8.528	113	75018	43.963	ng		95
36) 4-Chloro-3-methylphenol	8.645	107	255462	38.588	ng		92
37) 2-Methylnaphthalene	8.798	142	602988	40.642	ng		98
38) 1-Methylnaphthalene	8.898	142	571714	39.501	ng		95
40) 1,2,4,5-Tetrachloroben...	8.963	216	286622	54.955	ng		99
41) Hexachlorocyclopentadiene	8.951	237	135457	67.496	ng		96
43) 2,4,6-Trichlorophenol	9.075	196	165258	48.817	ng		93

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44)	2,4,5-Trichlorophenol	9.116	196	168583	45.633	ng		96
46)	1,1'-Biphenyl	9.263	154	763141	52.805	ng		97
47)	2-Chloronaphthalene	9.287	162	541915	48.285	ng		98
48)	2-Nitroaniline	9.387	65	138955	47.422	ng	#	84
49)	Acenaphthylene	9.704	152	801835	50.064	ng		99
50)	Dimethylphthalate	9.569	163	606504	48.965	ng		99
51)	2,6-Dinitrotoluene	9.628	165	120269	47.528	ng		99
52)	Acenaphthene	9.875	154	460062	45.454	ng		97
53)	3-Nitroaniline	9.792	138	59034	23.512	ng		99
54)	2,4-Dinitrophenol	9.904	184	76470	64.976	ng		94
55)	Dibenzofuran	10.051	168	660187	43.834	ng		97
56)	4-Nitrophenol	9.963	139	169441	88.853	ng	#	83
57)	2,4-Dinitrotoluene	10.034	165	144847	42.852	ng		96
58)	Fluorene	10.392	166	502066	42.498	ng		96
59)	2,3,4,6-Tetrachlorophenol	10.169	232	126629	43.080	ng		99
60)	Diethylphthalate	10.269	149	542824	43.810	ng		98
61)	4-Chlorophenyl-phenyle...	10.386	204	245822	42.847	ng		95
62)	4-Nitroaniline	10.410	138	90625	36.874	ng		95
63)	Azobenzene	10.545	77	465650	40.537	ng		98
65)	4,6-Dinitro-2-methylph...	10.439	198	53389	37.187	ng		98
66)	n-Nitrosodiphenylamine	10.504	169	427598	50.824	ng		97
67)	4-Bromophenyl-phenylether	10.881	248	143525	46.859	ng		91
68)	Hexachlorobenzene	10.939	284	159567	45.013	ng	#	88
69)	Atrazine	11.039	200	148394	59.458	ng		99
70)	Pentachlorophenol	11.139	266	191662	95.650	ng		95
71)	Phenanthrene	11.357	178	756085	51.240	ng		98
72)	Anthracene	11.410	178	744780	50.332	ng		99
73)	Carbazole	11.569	167	637276	50.637	ng		99
74)	Di-n-butylphthalate	11.910	149	2488045	158.003	ng		99
75)	Fluoranthene	12.557	202	946528	63.188	ng		97
77)	Benzidine	12.686	184	227947	58.927	ng		98
78)	Pyrene	12.786	202	985320	38.232	ng		98
80)	Butylbenzylphthalate	13.416	149	361198	45.033	ng	#	91
81)	Benzo(a)anthracene	13.980	228	855003	48.916	ng		99
82)	3,3'-Dichlorobenzidine	13.945	252	101533	24.132	ng		94
83)	Chrysene	14.016	228	819523	48.560	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.980	149	515643	53.568	ng	#	98
85)	Di-n-octyl phthalate	14.598	149	961900	60.072	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.980	276	466502	37.553	ng		100
88)	Benzo(b)fluoranthene	15.039	252	640806	54.055	ng		98
89)	Benzo(k)fluoranthene	15.069	252	586292	52.073	ng		99
90)	Benzo(a)pyrene	15.410	252	484110	49.955	ng		97
91)	Dibenzo(a,h)anthracene	17.004	278	374739	37.591	ng		100
92)	Benzo(g,h,i)perylene	17.439	276	366718	36.525	ng		100

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

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