Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136321.D
Acq On : 30 Nov 2023 19:09
Operator : CG\JU
Sample : 05540-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD

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

Quant Time: Dec 01 00:10:58 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	130603	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	518196	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	236252	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	337819	20.000	ng		0.00
76) Chrysene-d12	13.986	240	245713	20.000	ng		0.00
86) Perylene-d12	15.468	264	254711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	829481	88.399	ng		0.00
7) Phenol-d6	6.446	99	1016394	86.629	ng		0.00
23) Nitrobenzene-d5	7.369	82	629101	64.153	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	239258	82.835	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1181549	63.881	ng		0.00
79) Terphenyl-d14	12.927	244	876564	41.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	123141	34.683	ng		95
3) Pyridine	3.393	79	304255	34.715	ng		96
4) n-Nitrosodimethylamine	3.363	42	164698	37.176	ng		93
6) Aniline	6.475	93	361516	32.600	ng		95
8) 2-Chlorophenol	6.593	128	440412	43.106	ng		95
9) Benzaldehyde	6.357	77	43742	6.689	ng		98
10) Phenol	6.457	94	528180	41.962	ng		95
11) bis(2-Chloroethyl)ether	6.545	93	398291	43.133	ng		99
12) 1,3-Dichlorobenzene	6.745	146	461496	39.802	ng		97
13) 1,4-Dichlorobenzene	6.822	146	477073	40.475	ng		98
14) 1,2-Dichlorobenzene	6.975	146	450004	40.327	ng		98
15) Benzyl Alcohol	6.951	79	350266	42.580	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	530744	41.379	ng		98
17) 2-Methylphenol	7.063	107	345253	42.983	ng		98
18) Hexachloroethane	7.316	117	163533	39.554	ng		93
19) n-Nitroso-di-n-propyla...	7.222	70	290773	41.437	ng		98
20) 3+4-Methylphenols	7.216	107	431499	41.334	ng		98
22) Acetophenone	7.216	105	616003	45.263	ng	#	95
24) Nitrobenzene	7.387	77	428441	43.113	ng		99
25) Isophorone	7.628	82	796740	45.059	ng		97
26) 2-Nitrophenol	7.704	139	221159	52.232	ng		91
27) 2,4-Dimethylphenol	7.740	122	319813	57.386	ng		95
28) bis(2-Chloroethoxy)met...	7.840	93	493060	46.100	ng		99
29) 2,4-Dichlorophenol	7.945	162	352358	46.875	ng		100
30) 1,2,4-Trichlorobenzene	8.028	180	400605	43.529	ng		98
31) Naphthalene	8.110	128	1283720	44.074	ng		99
32) Benzoic acid	7.863	122	231599	45.598	ng		96
33) 4-Chloroaniline	8.151	127	130151	13.146	ng		98
34) Hexachlorobutadiene	8.222	225	228663	42.469	ng		98
35) Caprolactam	8.534	113	102783m	48.912	ng		
36) 4-Chloro-3-methylphenol	8.639	107	354524	43.485	ng		96
37) 2-Methylnaphthalene	8.798	142	783477	42.881	ng		100
38) 1-Methylnaphthalene	8.898	142	748223	41.979	ng		96
40) 1,2,4,5-Tetrachloroben...	8.963	216	374572	49.818	ng		99
41) Hexachlorocyclopentadiene	8.951	237	265023	91.605	ng		96
43) 2,4,6-Trichlorophenol	9.075	196	231458	47.428	ng		95

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44) 2,4,5-Trichlorophenol	9.122	196	248154	46.596	ng		99
46) 1,1'-Biphenyl	9.263	154	1015800	48.757	ng		98
47) 2-Chloronaphthalene	9.287	162	750858	46.409	ng		97
48) 2-Nitroaniline	9.386	65	198078	46.892	ng		86
49) Acenaphthylene	9.704	152	1147484	49.698	ng		99
50) Dimethylphthalate	9.569	163	873785	48.934	ng		98
51) 2,6-Dinitrotoluene	9.634	165	175663	48.154	ng	#	84
52) Acenaphthene	9.875	154	665174	45.588	ng		97
53) 3-Nitroaniline	9.798	138	117805	32.546	ng		92
54) 2,4-Dinitrophenol	9.904	184	139251	82.076	ng		98
55) Dibenzofuran	10.051	168	988263	45.517	ng		98
56) 4-Nitrophenol	9.963	139	224170	81.544	ng		90
57) 2,4-Dinitrotoluene	10.034	165	212539	43.618	ng		94
58) Fluorene	10.392	166	728166	42.756	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	187423	44.230	ng		99
60) Diethylphthalate	10.275	149	816291	45.700	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	360236	43.556	ng		97
62) 4-Nitroaniline	10.416	138	135132	38.140	ng		93
63) Azobenzene	10.545	77	685006	41.367	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	91649	49.611	ng		99
66) n-Nitrosodiphenylamine	10.510	169	630300	58.222	ng		97
67) 4-Bromophenyl-phenylether	10.881	248	214661	54.466	ng		93
68) Hexachlorobenzene	10.939	284	226015	49.549	ng	#	92
69) Atrazine	11.039	200	192243	59.862	ng		97
70) Pentachlorophenol	11.133	266	229211	88.898	ng		97
71) Phenanthrene	11.357	178	1020339	53.739	ng		99
72) Anthracene	11.410	178	961694	50.508	ng		99
73) Carbazole	11.569	167	749902	46.307	ng		98
74) Di-n-butylphthalate	11.904	149	1046186	51.632	ng		99
75) Fluoranthene	12.551	202	970368	50.343	ng		97
77) Benzidine	12.675	184	236489	58.550	ng		99
78) Pyrene	12.780	202	973659	36.182	ng		99
80) Butylbenzylphthalate	13.410	149	363217	43.369	ng		99
81) Benzo(a)anthracene	13.974	228	888554	48.686	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	230195	52.398	ng		97
83) Chrysene	14.016	228	873834	49.588	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	515166	51.255	ng	#	99
85) Di-n-octyl phthalate	14.592	149	1030068	61.477	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	598500	32.360	ng		98
88) Benzo(b)fluoranthene	15.039	252	912688	51.073	ng		99
89) Benzo(k)fluoranthene	15.068	252	799053	47.080	ng		98
90) Benzo(a)pyrene	15.410	252	714649	48.920	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	489392	32.929	ng		99
92) Benzo(g,h,i)perylene	17.433	276	441339	29.543	ng		98

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

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