Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131922.D
Acq On : 05 Jan 2023 19:00
Operator : CG\JU
Sample : N6244-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

Quant Time: Jan 06 03:13:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 03:02:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	68047	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	242963	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	140857	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	270753	20.000	ng		0.00
76) Chrysene-d12	14.004	240	133234	20.000	ng		0.00
86) Perylene-d12	15.480	264	135434	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	350888	85.455	ng		0.01
7) Phenol-d6	6.439	99	452967	83.966	ng		0.00
23) Nitrobenzene-d5	7.375	82	313790	51.565	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	122790	80.233	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	525596	51.110	ng		0.00
79) Terphenyl-d14	12.945	244	553984	70.333	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	78418	41.184	ng		96
3) Pyridine	3.293	79	215435	40.246	ng		99
4) n-Nitrosodimethylamine	3.263	42	109876	43.654	ng		100
6) Aniline	6.463	93	170123	26.003	ng	#	86
8) 2-Chlorophenol	6.587	128	193769	44.792	ng		94
9) Benzaldehyde	6.351	77	128087	37.004	ng		96
10) Phenol	6.457	94	274701	42.760	ng		92
11) bis(2-Chloroethyl)ether	6.539	93	206810	45.017	ng		98
12) 1,3-Dichlorobenzene	6.739	146	215646	43.621	ng		97
13) 1,4-Dichlorobenzene	6.822	146	217534	43.662	ng		95
14) 1,2-Dichlorobenzene	6.975	146	208529	44.544	ng		98
15) Benzyl Alcohol	6.951	79	214076	45.252	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	259245	44.220	ng		97
17) 2-Methylphenol	7.069	107	174230	44.055	ng		97
18) Hexachloroethane	7.316	117	89827	44.650	ng		93
19) n-Nitroso-di-n-propyla...	7.222	70	166134	43.605	ng		99
20) 3+4-Methylphenols	7.222	107	222252	43.070	ng		99
22) Acetophenone	7.222	105	316154	44.385	ng	#	97
24) Nitrobenzene	7.392	77	260163	42.659	ng		99
25) Isophorone	7.633	82	456316	45.917	ng		100
26) 2-Nitrophenol	7.710	139	107013	45.131	ng		96
27) 2,4-Dimethylphenol	7.751	122	173724	51.362	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	252406	47.342	ng		99
29) 2,4-Dichlorophenol	7.957	162	178854	43.891	ng		99
30) 1,2,4-Trichlorobenzene	8.033	180	208055	43.063	ng		99
31) Naphthalene	8.116	128	561365	42.189	ng		99
32) Benzoic acid	7.892	122	102351	41.401	ng		92
33) 4-Chloroaniline	8.169	127	65533	12.836	ng		97
34) Hexachlorobutadiene	8.228	225	137013	41.450	ng		100
35) Caprolactam	8.551	113	51484m	42.672	ng		
36) 4-Chloro-3-methylphenol	8.663	107	207135	44.976	ng		98
37) 2-Methylnaphthalene	8.810	142	380681	42.628	ng		99
38) 1-Methylnaphthalene	8.910	142	354205	40.834	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	219895	44.461	ng		98
41) Hexachlorocyclopentadiene	8.957	237	209356	93.505	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	135260	42.700	ng		100

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44) 2,4,5-Trichlorophenol	9.133	196	142036	41.481	ng		98
46) 1,1'-Biphenyl	9.275	154	477085	44.240	ng		98
47) 2-Chloronaphthalene	9.304	162	386556	43.327	ng		98
48) 2-Nitroaniline	9.404	65	139457	42.645	ng		92
49) Acenaphthylene	9.722	152	580388	43.688	ng		99
50) Dimethylphthalate	9.586	163	463133	43.461	ng		99
51) 2,6-Dinitrotoluene	9.651	165	102488	44.428	ng		95
52) Acenaphthene	9.892	154	341717	42.620	ng		99
53) 3-Nitroaniline	9.816	138	48548	20.654	ng		99
54) 2,4-Dinitrophenol	9.933	184	108956	82.075	ng		96
55) Dibenzofuran	10.069	168	539626	43.684	ng		98
56) 4-Nitrophenol	9.998	139	137429	83.464	ng		96
57) 2,4-Dinitrotoluene	10.057	165	137384	43.548	ng	#	89
58) Fluorene	10.410	166	424187	42.063	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	119647m	42.580	ng		
60) Diethylphthalate	10.286	149	442360	43.131	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	231248	44.110	ng		97
62) 4-Nitroaniline	10.439	138	93829	38.303	ng		91
63) Azobenzene	10.563	77	545711	47.943	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	74025	40.156	ng		92
66) n-Nitrosodiphenylamine	10.522	169	366691	44.398	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	137168	43.711	ng		92
68) Hexachlorobenzene	10.957	284	152026	44.101	ng		94
69) Atrazine	11.057	200	133177	48.979	ng		99
70) Pentachlorophenol	11.157	266	144373	84.639	ng		98
71) Phenanthrene	11.380	178	619362	41.599	ng		100
72) Anthracene	11.427	178	630212	43.269	ng		99
73) Carbazole	11.586	167	544278	42.329	ng		99
74) Di-n-butylphthalate	11.916	149	665011	42.788	ng		100
75) Fluoranthene	12.574	202	657636	37.920	ng		99
77) Benzidine	12.698	184	168661	77.031	ng		99
78) Pyrene	12.804	202	661072	59.198	ng		99
80) Butylbenzylphthalate	13.421	149	247071	59.650	ng		93
81) Benzo(a)anthracene	13.998	228	425779	44.139	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	58577	21.009	ng		99
83) Chrysene	14.033	228	390606	43.091	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	303344	60.148	ng		100
85) Di-n-octyl phthalate	14.598	149	378257	55.715	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	483353	56.176	ng		99
88) Benzo(b)fluoranthene	15.051	252	362925	36.546	ng		98
89) Benzo(k)fluoranthene	15.080	252	361186	37.643	ng		99
90) Benzo(a)pyrene	15.421	252	339726	44.187	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	399190	56.640	ng		99
92) Benzo(g,h,i)perylene	17.409	276	398284	47.802	ng		96

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

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