Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
Data File : BF137516.D
Acq On : 06 Mar 2024 13:55
Operator : CG\JU
Sample : P1672-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 14:24:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 00:07:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	223586	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	869933	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	468452	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	743154	20.000	ng		0.00
76) Chrysene-d12	14.051	240	373943	20.000	ng		0.00
86) Perylene-d12	15.580	264	463122	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1764655	119.535	ng		0.02
7) Phenol-d6	6.510	99	2288102	107.375	ng		0.00
23) Nitrobenzene-d5	7.428	82	1657955	88.553	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	544193	132.284	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2540067	84.878	ng		0.00
79) Terphenyl-d14	12.992	244	2309810	84.939	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	325316	40.302	ng	#	85
3) Pyridine	3.628	79	626534	32.183	ng		99
4) n-Nitrosodimethylamine	3.581	42	376190	47.727	ng		97
6) Aniline	6.534	93	337514	12.962	ng	#	81
8) 2-Chlorophenol	6.651	128	743821	47.770	ng		96
9) Benzaldehyde	6.422	77	220117	21.084	ng		98
10) Phenol	6.522	94	890547	38.827	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	796397	47.384	ng		98
12) 1,3-Dichlorobenzene	6.804	146	720968	43.331	ng		97
13) 1,4-Dichlorobenzene	6.881	146	740283	43.485	ng		99
14) 1,2-Dichlorobenzene	7.028	146	712360	45.590	ng		98
15) Benzyl Alcohol	7.010	79	701732	52.896	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1206776	41.770	ng		95
17) 2-Methylphenol	7.122	107	601714	41.298	ng		96
18) Hexachloroethane	7.363	117	254509	45.404	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	566072	43.018	ng		98
20) 3+4-Methylphenols	7.269	107	700057	41.953	ng		91
22) Acetophenone	7.269	105	974136	46.281	ng	#	97
24) Nitrobenzene	7.445	77	863084	45.889	ng		95
25) Isophorone	7.681	82	1636549	46.009	ng		98
26) 2-Nitrophenol	7.757	139	389788	52.201	ng		94
27) 2,4-Dimethylphenol	7.792	122	535991	38.416	ng		100
28) bis(2-Chloroethoxy)met...	7.892	93	969452	46.452	ng		99
29) 2,4-Dichlorophenol	7.998	162	620856	48.485	ng		97
30) 1,2,4-Trichlorobenzene	8.075	180	626748	46.511	ng		99
31) Naphthalene	8.157	128	2086597	44.705	ng		100
32) Benzoic acid	7.928	122	304900	39.266	ng		98
33) 4-Chloroaniline	8.210	127	78797	4.305	ng		98
34) Hexachlorobutadiene	8.269	225	356933	44.866	ng		100
35) Caprolactam	8.587	113	183817m	42.334	ng		
36) 4-Chloro-3-methylphenol	8.698	107	669282	46.759	ng		99
37) 2-Methylnaphthalene	8.851	142	1290366	43.366	ng		99
38) 1-Methylnaphthalene	8.945	142	1202195	42.903	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	619098	47.339	ng		100
41) Hexachlorocyclopentadiene	8.998	237	474743	88.030	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	430438	50.542	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	450476	45.918	ng		98
46) 1,1'-Biphenyl	9.316	154	1602161	46.729	ng		99
47) 2-Chloronaphthalene	9.339	162	1277327	48.864	ng		99
48) 2-Nitroaniline	9.439	65	454292	51.130	ng		94
49) Acenaphthylene	9.757	152	1977141	47.262	ng		100
50) Dimethylphthalate	9.628	163	1518099	46.554	ng		100
51) 2,6-Dinitrotoluene	9.686	165	331449	48.595	ng		96
52) Acenaphthene	9.928	154	1117232	44.734	ng		98
53) 3-Nitroaniline	9.857	138	146705	20.335	ng		91
54) 2,4-Dinitrophenol	9.963	184	256253	77.334	ng		96
55) Dibenzofuran	10.104	168	1678199	44.118	ng		100
56) 4-Nitrophenol	10.028	139	421595	82.017	ng		98
57) 2,4-Dinitrotoluene	10.092	165	406425	48.501	ng		93
58) Fluorene	10.451	166	1260641	43.153	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	360470	45.820	ng		93
60) Diethylphthalate	10.328	149	1395118	45.305	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	606782	42.381	ng		99
62) 4-Nitroaniline	10.481	138	269210	43.416	ng		95
63) Azobenzene	10.604	77	1604815	45.258	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	206625	49.886	ng		85
66) n-Nitrosodiphenylamine	10.563	169	1159829	48.466	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	396368	48.969	ng		97
68) Hexachlorobenzene	10.998	284	431589	52.792	ng	#	89
69) Atrazine	11.098	200	359653	49.438	ng		97
70) Pentachlorophenol	11.192	266	440498	89.131	ng		99
71) Phenanthrene	11.416	178	1863248	46.070	ng		99
72) Anthracene	11.469	178	1911040	46.007	ng		99
73) Carbazole	11.628	167	1671933	46.990	ng		99
74) Di-n-butylphthalate	11.963	149	2037825	48.139	ng		99
75) Fluoranthene	12.610	202	1677305	42.428	ng		99
77) Benzidine	12.751	184	70575	7.712	ng		98
78) Pyrene	12.839	202	1674796	45.644	ng		100
80) Butylbenzylphthalate	13.474	149	592816	63.263	ng		98
81) Benzo(a)anthracene	14.039	228	1254096	47.849	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	279127	39.992	ng		99
83) Chrysene	14.080	228	1280543	48.341	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	781640	65.627	ng	#	98
85) Di-n-octyl phthalate	14.669	149	1446510	61.262	ng		98
87) Indeno(1,2,3-cd)pyrene	17.174	276	1394269	45.749	ng		99
88) Benzo(b)fluoranthene	15.127	252	1404587	51.271	ng		99
89) Benzo(k)fluoranthene	15.163	252	1262857	42.917	ng		99
90) Benzo(a)pyrene	15.516	252	1301384	48.205	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	1117086	45.184	ng		98
92) Benzo(g,h,i)perylene	17.657	276	1021636	40.238	ng		99

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

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