Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
Data File : BF132076.D
Acq On : 16 Jan 2023 18:18
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 17 00:46:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:25:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	208756	20.000	ng	0.00
21) Naphthalene-d8	8.386	136	740021	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	383524	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	736294	20.000	ng	0.00
76) Chrysene-d12	14.316	240	480878	20.000	ng	0.00
86) Perylene-d12	15.915	264	446037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.716	112	969202	76.502	ng	0.00
7) Phenol-d6	6.710	99	1186582	70.641	ng	0.00
23) Nitrobenzene-d5	7.663	82	950967	53.334	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	311282	70.590	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	1898581	66.828	ng	0.00
79) Terphenyl-d14	13.245	244	2060489	61.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	258843	46.781	ng	100
3) Pyridine	3.816	79	671466	43.239	ng	100
4) n-Nitrosodimethylamine	3.781	42	273382	37.458	ng	100
6) Aniline	6.763	93	829547	37.534	ng	100
8) 2-Chlorophenol	6.881	128	498320	39.204	ng	100
9) Benzaldehyde	6.651	77	378209	33.838	ng	100
10) Phenol	6.722	94	606566	32.370	ng	100
11) bis(2-Chloroethyl)ether	6.828	93	513125	36.326	ng	100
12) 1,3-Dichlorobenzene	7.040	146	571059	40.336	ng	100
13) 1,4-Dichlorobenzene	7.116	146	575143	40.150	ng	100
14) 1,2-Dichlorobenzene	7.269	146	517664	38.050	ng	100
15) Benzyl Alcohol	7.234	79	455915	31.168	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.363	45	590614	33.132	ng	100
17) 2-Methylphenol	7.334	107	444477	35.335	ng	100
18) Hexachloroethane	7.616	117	185791	31.362	ng	100
19) n-Nitroso-di-n-propyla...	7.504	70	336496	27.693	ng	100
20) 3+4-Methylphenols	7.487	107	564962	34.984	ng	100
22) Acetophenone	7.504	105	666379	30.928	ng	100
24) Nitrobenzene	7.681	77	516116	28.433	ng	100
25) Isophorone	7.916	82	1012708	30.403	ng	100
26) 2-Nitrophenol	7.998	139	137837	19.299	ng	100
27) 2,4-Dimethylphenol	8.022	122	452907	37.990	ng	100
28) bis(2-Chloroethoxy)met...	8.122	93	607141	32.933	ng	100
29) 2,4-Dichlorophenol	8.234	162	438278	35.891	ng	100
30) 1,2,4-Trichlorobenzene	8.322	180	490594	35.080	ng	100
31) Naphthalene	8.410	128	1464695	37.452	ng	100
32) Benzoic acid	8.122	122	147201	21.298	ng	100
33) 4-Chloroaniline	8.451	127	628041	38.916	ng	100
34) Hexachlorobutadiene	8.522	225	309715	31.942	ng	100
35) Caprolactam	8.822	113	116672	32.531	ng	100
36) 4-Chloro-3-methylphenol	8.922	107	445021	31.051	ng	100
37) 2-Methylnaphthalene	9.104	142	999382	35.581	ng	100
38) 1-Methylnaphthalene	9.204	142	929136	35.705	ng	100
40) 1,2,4,5-Tetrachloroben...	9.269	216	493623	36.525	ng	100
41) Hexachlorocyclopentadiene	9.257	237	217002	40.203	ng	100
43) 2,4,6-Trichlorophenol	9.375	196	316162	38.866	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.410	196	350902	37.053	ng	100
46) 1,1'-Biphenyl	9.569	154	1154247	38.992	ng	100
47) 2-Chloronaphthalene	9.598	162	887079	38.610	ng	100
48) 2-Nitroaniline	9.686	65	181056	21.697	ng	100
49) Acenaphthylene	10.016	152	1469273	41.210	ng	100
50) Dimethylphthalate	9.863	163	1067302	35.701	ng	100
51) 2,6-Dinitrotoluene	9.928	165	192042	30.543	ng	100
52) Acenaphthene	10.192	154	850778	39.754	ng	100
53) 3-Nitroaniline	10.098	138	221189	36.260	ng	100
54) 2,4-Dinitrophenol	10.198	184	64630	20.472	ng	100
55) Dibenzofuran	10.363	168	1285551	38.108	ng	100
56) 4-Nitrophenol	10.239	139	177068	51.533	ng	100
57) 2,4-Dinitrotoluene	10.333	165	235227	27.982	ng	100
58) Fluorene	10.704	166	950734	35.280	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.469	232	290512	41.169	ng	100
60) Diethylphthalate	10.569	149	1006339	34.234	ng	100
61) 4-Chlorophenyl-phenyle...	10.692	204	501477	32.507	ng	100
62) 4-Nitroaniline	10.716	138	212442	38.730	ng	100
63) Azobenzene	10.857	77	1045963	33.542	ng	100
65) 4,6-Dinitro-2-methylph...	10.739	198	91913	19.357	ng	100
66) n-Nitrosodiphenylamine	10.810	169	865560	37.470	ng	100
67) 4-Bromophenyl-phenylether	11.192	248	325871	35.379	ng	100
68) Hexachlorobenzene	11.257	284	354927	38.092	ng	100
69) Atrazine	11.333	200	274750	32.707	ng	100
70) Pentachlorophenol	11.445	266	238014	53.863	ng	100
71) Phenanthrene	11.680	178	1478310	38.514	ng	100
72) Anthracene	11.733	178	1509809	38.209	ng	100
73) Carbazole	11.880	167	1370924	41.907	ng	100
74) Di-n-butylphthalate	12.204	149	1410996	30.976	ng	100
75) Fluoranthene	12.874	202	1673654	38.771	ng	100
77) Benzidine	12.992	184	468120	29.302	ng	100
78) Pyrene	13.110	202	1696951	38.691	ng	100
80) Butylbenzylphthalate	13.721	149	217044	12.260	ng	100
81) Benzo(a)anthracene	14.304	228	1352098	38.648	ng	100
82) 3,3'-Dichlorobenzidine	14.263	252	368363	33.736	ng	100
83) Chrysene	14.345	228	1258884	38.503	ng	100
84) Bis(2-ethylhexyl)phtha...	14.280	149	408848	17.047	ng	100
85) Di-n-octyl phthalate	14.921	149	506373	15.429	ng	100
87) Indeno(1,2,3-cd)pyrene	17.586	276	1262697	46.159	ng	100
88) Benzo(b)fluoranthene	15.433	252	1156987	37.819	ng	100
89) Benzo(k)fluoranthene	15.468	252	1052479	34.472	ng	100
90) Benzo(a)pyrene	15.845	252	1056776	38.339	ng	100
91) Dibenzo(a,h)anthracene	17.609	278	1029421	44.891	ng	100
92) Benzo(g,h,i)perylene	18.098	276	1062538	48.534	ng	100

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

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