Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060524\
Data File : BF138121.D
Acq On : 05 Jun 2024 13:12
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 06 05:12:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:05:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	428297	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1635307	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	922358	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1650192	20.000	ng	0.00
76) Chrysene-d12	14.068	240	942910	20.000	ng	0.00
86) Perylene-d12	15.545	264	707214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1989531	79.166	ng	0.00
7) Phenol-d6	6.534	99	2518744	79.214	ng	0.00
23) Nitrobenzene-d5	7.475	82	2059509	85.687	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	770150	86.763	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	4147552	78.626	ng	0.00
79) Terphenyl-d14	13.021	244	4886941	77.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	451850	39.229	ng	100
3) Pyridine	3.481	79	1118516	39.631	ng	100
4) n-Nitrosodimethylamine	3.446	42	553006	39.912	ng	100
6) Aniline	6.569	93	1284260	39.835	ng	100
8) 2-Chlorophenol	6.692	128	1086671	39.968	ng	100
9) Benzaldehyde	6.457	77	657277	43.015	ng	100
10) Phenol	6.545	94	1299158	39.768	ng	100
11) bis(2-Chloroethyl)ether	6.645	93	1039287	39.685	ng	100
12) 1,3-Dichlorobenzene	6.851	146	1239661	39.794	ng	100
13) 1,4-Dichlorobenzene	6.928	146	1242635	39.608	ng	100
14) 1,2-Dichlorobenzene	7.081	146	1173972	39.863	ng	100
15) Benzyl Alcohol	7.045	79	909957	40.446	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1519790	39.530	ng	100
17) 2-Methylphenol	7.151	107	869223	39.499	ng	100
18) Hexachloroethane	7.422	117	429963	40.153	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	792639	39.095	ng	100
20) 3+4-Methylphenols	7.310	107	1111540	40.592	ng	100
22) Acetophenone	7.322	105	1490877	39.601	ng	100
24) Nitrobenzene	7.492	77	1095977	41.858	ng	100
25) Isophorone	7.728	82	2082038	39.320	ng	100
26) 2-Nitrophenol	7.804	139	378670	37.434	ng	100
27) 2,4-Dimethylphenol	7.839	122	737586	40.102	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	1277831	39.618	ng	100
29) 2,4-Dichlorophenol	8.039	162	914211	41.240	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	1063544	39.762	ng	100
31) Naphthalene	8.216	128	3129567	39.566	ng	100
32) Benzoic acid	7.957	122	447907	36.673	ng	100
33) 4-Chloroaniline	8.257	127	1166840	39.251	ng	100
34) Hexachlorobutadiene	8.328	225	630673	40.124	ng	100
35) Caprolactam	8.633	113	296248	40.018	ng	100
36) 4-Chloro-3-methylphenol	8.733	107	920233	40.509	ng	100
37) 2-Methylnaphthalene	8.904	142	2115049	39.667	ng	100
38) 1-Methylnaphthalene	9.004	142	2088772	40.009	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1048577	40.267	ng	100
41) Hexachlorocyclopentadiene	9.051	237	366782	42.666	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	662564	41.906	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	727670	41.767	ng	100
46) 1,1'-Biphenyl	9.369	154	2562871	39.557	ng	100
47) 2-Chloronaphthalene	9.392	162	2057471	39.848	ng	100
48) 2-Nitroaniline	9.486	65	476489	38.224	ng	100
49) Acenaphthylene	9.810	152	2907222	39.789	ng	100
50) Dimethylphthalate	9.669	163	2299643	39.679	ng	100
51) 2,6-Dinitrotoluene	9.728	165	483419	39.110	ng	100
52) Acenaphthene	9.980	154	1950673	39.512	ng	100
53) 3-Nitroaniline	9.898	138	484854	39.092	ng	100
54) 2,4-Dinitrophenol	9.998	184	107843	36.130	ng	100
55) Dibenzofuran	10.151	168	2781105	39.827	ng	100
56) 4-Nitrophenol	10.045	139	372576	42.266	ng	100
57) 2,4-Dinitrotoluene	10.127	165	581842	39.543	ng	100
58) Fluorene	10.492	166	2223520	40.089	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	589841	42.923	ng	100
60) Diethylphthalate	10.369	149	2283683	40.364	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	1120143	39.753	ng	100
62) 4-Nitroaniline	10.510	138	487110	45.028	ng	100
63) Azobenzene	10.645	77	2182570	40.052	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	199953	37.057	ng	100
66) n-Nitrosodiphenylamine	10.604	169	1964909	39.874	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	752559	40.052	ng	100
68) Hexachlorobenzene	11.039	284	862151	39.469	ng	100
69) Atrazine	11.133	200	630698	39.780	ng	100
70) Pentachlorophenol	11.227	266	513720	43.933	ng	100
71) Phenanthrene	11.457	178	3155898	39.726	ng	100
72) Anthracene	11.510	178	3118937	39.364	ng	100
73) Carbazole	11.663	167	2866944	39.566	ng	100
74) Di-n-butylphthalate	11.992	149	3414678	40.092	ng	100
75) Fluoranthene	12.645	202	3405503	39.730	ng	100
77) Benzidine	12.763	184	523535	53.955	ng	100
78) Pyrene	12.874	202	3451350	40.473	ng	100
80) Butylbenzylphthalate	13.492	149	1230180	43.687	ng	100
81) Benzo(a)anthracene	14.057	228	2339327	39.324	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	606761	40.241	ng	100
83) Chrysene	14.098	228	2307171	40.411	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	1727428	42.106	ng	100
85) Di-n-octyl phthalate	14.668	149	2329583	41.253	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	1521824	40.139	ng	100
88) Benzo(b)fluoranthene	15.115	252	1717597	38.633	ng	100
89) Benzo(k)fluoranthene	15.145	252	1683502	39.708	ng	100
90) Benzo(a)pyrene	15.486	252	1374145	40.811	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	1216344	40.141	ng	100
92) Benzo(g,h,i)perylene	17.492	276	1297193	41.026	ng	100

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

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