Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
Data File : BF133931.D
Acq On : 23 Jun 2023 08:41
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 25 02:34:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	101972	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	376835	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	188244	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	364589	20.000	ng		0.00
76) Chrysene-d12	14.057	240	166788	20.000	ng		0.00
86) Perylene-d12	15.562	264	191392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	489627	83.591	ng		0.00
7) Phenol-d6	6.498	99	590836	77.493	ng		0.00
23) Nitrobenzene-d5	7.428	82	558516	80.726	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	189226	79.412	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1025773	77.461	ng		0.00
79) Terphenyl-d14	12.992	244	976951	90.635	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	102180	39.679	ng		99
3) Pyridine	3.416	79	262439	34.965	ng		99
4) n-Nitrosodimethylamine	3.381	42	154366	37.206	ng		98
6) Aniline	6.528	93	357723	37.251	ng		99
8) 2-Chlorophenol	6.651	128	248000	40.176	ng		93
9) Benzaldehyde	6.416	77	168539	33.318	ng		96
10) Phenol	6.510	94	314668	39.524	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	229824	38.884	ng		100
12) 1,3-Dichlorobenzene	6.804	146	261410	39.636	ng		98
13) 1,4-Dichlorobenzene	6.881	146	266299	39.949	ng		98
14) 1,2-Dichlorobenzene	7.034	146	251115	41.690	ng		98
15) Benzyl Alcohol	7.004	79	236456	39.708	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.133	45	402372	40.161	ng		99
17) 2-Methylphenol	7.116	107	220828	40.361	ng		99
18) Hexachloroethane	7.369	117	98365	43.103	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	182870	37.697	ng		99
20) 3+4-Methylphenols	7.269	107	266350	37.422	ng	#	85
22) Acetophenone	7.269	105	338661	39.184	ng		94
24) Nitrobenzene	7.445	77	283300	40.665	ng		100
25) Isophorone	7.681	82	495686	39.025	ng		99
26) 2-Nitrophenol	7.757	139	139719	44.688	ng		98
27) 2,4-Dimethylphenol	7.798	122	215243	39.942	ng		96
28) bis(2-Chloroethoxy)met...	7.892	93	286430	39.017	ng		99
29) 2,4-Dichlorophenol	7.998	162	212370	40.210	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	219505	39.835	ng		99
31) Naphthalene	8.163	128	718219	39.120	ng		99
32) Benzoic acid	7.910	122	165327	48.644	ng		93
33) 4-Chloroaniline	8.216	127	301199	38.369	ng		96
34) Hexachlorobutadiene	8.275	225	140599	38.971	ng		98
35) Caprolactam	8.592	113	69332	39.012	ng		99
36) 4-Chloro-3-methylphenol	8.692	107	239152	39.284	ng		96
37) 2-Methylnaphthalene	8.857	142	508807	39.887	ng		99
38) 1-Methylnaphthalene	8.957	142	468956	39.951	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	226718	39.617	ng		100
41) Hexachlorocyclopentadiene	9.004	237	104855	41.116	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	152210	39.802	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	174501	39.222	ng		98
46) 1,1'-Biphenyl	9.322	154	598859	39.445	ng		99
47) 2-Chloronaphthalene	9.345	162	438893	40.301	ng		99
48) 2-Nitroaniline	9.445	65	161411	40.526	ng		99
49) Acenaphthylene	9.763	152	752037	39.675	ng		100
50) Dimethylphthalate	9.622	163	545348	38.812	ng		99
51) 2,6-Dinitrotoluene	9.686	165	118849	40.979	ng	#	81
52) Acenaphthene	9.933	154	442710	39.902	ng		100
53) 3-Nitroaniline	9.857	138	144088	40.825	ng		86
54) 2,4-Dinitrophenol	9.969	184	56763	42.906	ng		93
55) Dibenzofuran	10.110	168	675847	39.921	ng		98
56) 4-Nitrophenol	10.022	139	93885	39.415	ng		90
57) 2,4-Dinitrotoluene	10.092	165	160819	43.600	ng		99
58) Fluorene	10.451	166	532870	41.159	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	139206	41.792	ng		99
60) Diethylphthalate	10.322	149	561611	39.272	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	251236	39.309	ng		98
62) 4-Nitroaniline	10.474	138	133954	38.710	ng		94
63) Azobenzene	10.604	77	525493	38.817	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	82848	47.554	ng		79
66) n-Nitrosodiphenylamine	10.563	169	465748	38.031	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	154461	37.958	ng		93
68) Hexachlorobenzene	11.004	284	164968	38.551	ng		95
69) Atrazine	11.092	200	124461	35.027	ng		98
70) Pentachlorophenol	11.198	266	97155	37.916	ng		99
71) Phenanthrene	11.421	178	736115	39.796	ng		99
72) Anthracene	11.474	178	768949	39.869	ng		99
73) Carbazole	11.627	167	681249	37.924	ng		99
74) Di-n-butylphthalate	11.957	149	829117	36.003	ng		99
75) Fluoranthene	12.616	202	741412	37.744	ng		99
77) Benzidine	12.739	184	107181	19.151	ng		99
78) Pyrene	12.845	202	742062	47.761	ng		99
80) Butylbenzylphthalate	13.468	149	258387	39.393	ng		96
81) Benzo(a)anthracene	14.045	228	454969	39.436	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	141254	36.828	ng		99
83) Chrysene	14.080	228	438870	40.220	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	283902	35.153	ng		99
85) Di-n-octyl phthalate	14.651	149	416405	36.282	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.121	276	575126	43.678	ng		99
88) Benzo(b)fluoranthene	15.115	252	431293	37.096	ng		99
89) Benzo(k)fluoranthene	15.145	252	396709	35.028	ng		99
90) Benzo(a)pyrene	15.498	252	424051	39.300	ng		99
91) Dibenzo(a,h)anthracene	17.139	278	466396	42.785	ng		99
92) Benzo(g,h,i)perylene	17.598	276	469414	43.432	ng		97

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

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