Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139278.D
Acq On : 06 Sep 2024 15:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Sep 06 16:16:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	121569	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	443681	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	244675	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	435786	20.000	ng	0.00
76) Chrysene-d12	14.057	240	198708	20.000	ng	0.00
86) Perylene-d12	15.533	264	215819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	553429	76.155	ng	0.00
7) Phenol-d6	6.516	99	732043	75.457	ng	0.00
23) Nitrobenzene-d5	7.457	82	668059	78.332	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	175948	83.277	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1206622	76.125	ng	0.00
79) Terphenyl-d14	13.004	244	956615	77.729	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	116435	34.406	ng	98
3) Pyridine	3.422	79	291478	35.681	ng	99
4) n-Nitrosodimethylamine	3.381	42	193419	36.461	ng	98
6) Aniline	6.551	93	322756	36.179	ng	98
8) 2-Chlorophenol	6.675	128	291806	38.745	ng	99
9) Benzaldehyde	6.440	77	207971	35.415	ng	99
10) Phenol	6.534	94	387475	37.865	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	283967	38.734	ng	98
12) 1,3-Dichlorobenzene	6.834	146	323105	37.902	ng	99
13) 1,4-Dichlorobenzene	6.910	146	329811	38.654	ng	100
14) 1,2-Dichlorobenzene	7.063	146	306191	38.476	ng	100
15) Benzyl Alcohol	7.028	79	276878	39.135	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	524773	37.602	ng	98
17) 2-Methylphenol	7.140	107	234278	38.081	ng	98
18) Hexachloroethane	7.404	117	120091	39.407	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	217118	38.858	ng	99
20) 3+4-Methylphenols	7.292	107	301123	38.837	ng	100
22) Acetophenone	7.298	105	407393	38.542	ng	99
24) Nitrobenzene	7.475	77	348406	38.489	ng	100
25) Isophorone	7.710	82	568517	38.990	ng	100
26) 2-Nitrophenol	7.787	139	150827	42.423	ng	98
27) 2,4-Dimethylphenol	7.822	122	201603	39.759	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	343015	39.485	ng	99
29) 2,4-Dichlorophenol	8.028	162	245545	40.444	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	273334	39.420	ng	99
31) Naphthalene	8.198	128	869701	38.707	ng	100
32) Benzoic acid	7.934	122	198323	42.940	ng	98
33) 4-Chloroaniline	8.245	127	287316	36.931	ng	97
34) Hexachlorobutadiene	8.310	225	174878	39.802	ng	99
35) Caprolactam	8.616	113	74791	39.793	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	264295	39.949	ng	98
37) 2-Methylnaphthalene	8.886	142	555559	39.521	ng	98
38) 1-Methylnaphthalene	8.986	142	542489	39.238	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	267983	38.712	ng	99
41) Hexachlorocyclopentadiene	9.039	237	94875	42.646	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	180654	39.885	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	188050	39.620	ng		98
46) 1,1'-Biphenyl	9.351	154	694865	38.331	ng		99
47) 2-Chloronaphthalene	9.375	162	521730	38.115	ng		99
48) 2-Nitroaniline	9.469	65	189065	40.100	ng		98
49) Acenaphthylene	9.792	152	796294	38.624	ng		100
50) Dimethylphthalate	9.651	163	578134	38.985	ng		99
51) 2,6-Dinitrotoluene	9.710	165	135822	40.372	ng		98
52) Acenaphthene	9.963	154	533794	39.037	ng		99
53) 3-Nitroaniline	9.881	138	136619	38.114	ng		99
54) 2,4-Dinitrophenol	9.986	184	68301	42.629	ng	#	70
55) Dibenzofuran	10.133	168	747628	38.135	ng		98
56) 4-Nitrophenol	10.033	139	107081	40.474	ng		99
57) 2,4-Dinitrotoluene	10.116	165	173634	40.549	ng		99
58) Fluorene	10.480	166	592038	38.950	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	151243	40.481	ng		98
60) Diethylphthalate	10.351	149	589514	40.394	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	286810	39.127	ng		98
62) 4-Nitroaniline	10.492	138	128392	37.629	ng		99
63) Azobenzene	10.633	77	595555	38.719	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	89139	44.269	ng		94
66) n-Nitrosodiphenylamine	10.592	169	493755	38.924	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	169997	40.206	ng		97
68) Hexachlorobenzene	11.022	284	189468	39.144	ng		97
69) Atrazine	11.116	200	105648	36.099	ng		100
70) Pentachlorophenol	11.216	266	122836	43.933	ng		99
71) Phenanthrene	11.439	178	779354	38.282	ng		100
72) Anthracene	11.492	178	768727	38.655	ng		100
73) Carbazole	11.645	167	708316	38.108	ng		100
74) Di-n-butylphthalate	11.980	149	775907	40.770	ng		100
75) Fluoranthene	12.627	202	763990	37.432	ng		100
77) Benzidine	12.751	184	123430	30.849	ng		99
78) Pyrene	12.857	202	738071	38.450	ng		99
80) Butylbenzylphthalate	13.474	149	210483	46.580	ng		99
81) Benzo(a)anthracene	14.045	228	483924	38.139	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	145322	43.127	ng		99
83) Chrysene	14.080	228	445314	37.604	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	248082	46.774	ng		99
85) Di-n-octyl phthalate	14.651	149	463181	45.614	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	538513	39.942	ng		97
88) Benzo(b)fluoranthene	15.098	252	494571	39.792	ng		100
89) Benzo(k)fluoranthene	15.127	252	403110	36.173	ng		100
90) Benzo(a)pyrene	15.468	252	415235	39.345	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	436396	39.276	ng		98
92) Benzo(g,h,i)perylene	17.474	276	460545	40.156	ng		98

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

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