Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
Data File : BF133000.D
Acq On : 24 Apr 2023 17:47
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 25 02:09:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	205550	20.000	ng		0.00
21) Naphthalene-d8	8.033	136	788335	20.000	ng		0.00
39) Acenaphthene-d10	9.786	164	387317	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	671982	20.000	ng		0.00
76) Chrysene-d12	13.904	240	487499	20.000	ng		0.00
86) Perylene-d12	15.327	264	500178	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1027823	75.536	ng		0.00
7) Phenol-d6	6.386	99	1274217	75.446	ng		0.00
23) Nitrobenzene-d5	7.316	82	1131396	77.466	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	312798	80.303	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	1822993	78.743	ng		0.00
79) Terphenyl-d14	12.857	244	1977787	69.970	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	239265	37.910	ng		99
3) Pyridine	3.116	79	663322	39.570	ng		98
4) n-Nitrosodimethylamine	3.069	42	323324	37.237	ng		98
6) Aniline	6.410	93	822929	37.831	ng		95
8) 2-Chlorophenol	6.534	128	524252	37.946	ng		97
9) Benzaldehyde	6.292	77	329621	43.678	ng		100
10) Phenol	6.404	94	692941	37.191	ng		78
11) bis(2-Chloroethyl)ether	6.486	93	513455	36.724	ng		98
12) 1,3-Dichlorobenzene	6.686	146	550788	37.498	ng		99
13) 1,4-Dichlorobenzene	6.763	146	552772	37.550	ng		99
14) 1,2-Dichlorobenzene	6.922	146	511626	37.697	ng		99
15) Benzyl Alcohol	6.892	79	452318	38.771	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	881198	36.287	ng		100
17) 2-Methylphenol	7.010	107	473035	37.392	ng		100
18) Hexachloroethane	7.263	117	189680	37.061	ng		97
19) n-Nitroso-di-n-propyla...	7.169	70	362933	34.518	ng		99
20) 3+4-Methylphenols	7.163	107	553629	37.161	ng		99
22) Acetophenone	7.163	105	695512	38.086	ng	#	98
24) Nitrobenzene	7.333	77	569053	38.450	ng		98
25) Isophorone	7.575	82	1027146	37.041	ng		99
26) 2-Nitrophenol	7.651	139	296649	41.557	ng		92
27) 2,4-Dimethylphenol	7.692	122	472089	38.569	ng		98
28) bis(2-Chloroethoxy)met...	7.786	93	611049	37.248	ng		99
29) 2,4-Dichlorophenol	7.892	162	434137	38.961	ng		99
30) 1,2,4-Trichlorobenzene	7.975	180	445130	38.560	ng		99
31) Naphthalene	8.057	128	1509246	38.292	ng		99
32) Benzoic acid	7.810	122	356764	47.187	ng		96
33) 4-Chloroaniline	8.104	127	637306	40.019	ng		99
34) Hexachlorobutadiene	8.175	225	240754	37.629	ng		99
35) Caprolactam	8.475	113	151001	40.339	ng		92
36) 4-Chloro-3-methylphenol	8.586	107	450582	37.498	ng		99
37) 2-Methylnaphthalene	8.745	142	987302	36.639	ng		98
38) 1-Methylnaphthalene	8.845	142	923771	36.646	ng		100
40) 1,2,4,5-Tetrachloroben...	8.910	216	396674	38.091	ng		99
41) Hexachlorocyclopentadiene	8.904	237	235031	38.698	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	275218	38.215	ng		99

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Apr 25 02:09:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	319868	38.403	ng		99
46) 1,1'-Biphenyl	9.210	154	1167540	38.015	ng		100
47) 2-Chloronaphthalene	9.233	162	859381	38.229	ng		99
48) 2-Nitroaniline	9.327	65	289292	38.939	ng		94
49) Acenaphthylene	9.645	152	1387957	38.641	ng		99
50) Dimethylphthalate	9.510	163	1025275	37.963	ng		100
51) 2,6-Dinitrotoluene	9.569	165	234684	38.609	ng		99
52) Acenaphthene	9.822	154	927308	38.547	ng		99
53) 3-Nitroaniline	9.739	138	289703	40.083	ng		99
54) 2,4-Dinitrophenol	9.839	184	134438	44.001	ng		95
55) Dibenzofuran	9.992	168	1255888	38.271	ng		99
56) 4-Nitrophenol	9.898	139	222686	39.781	ng		89
57) 2,4-Dinitrotoluene	9.969	165	314869	40.619	ng		99
58) Fluorene	10.333	166	909483	37.829	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	247553	38.337	ng		99
60) Diethylphthalate	10.210	149	962121	37.716	ng		100
61) 4-Chlorophenyl-phenyle...	10.327	204	439703	37.529	ng		98
62) 4-Nitroaniline	10.351	138	289856	43.635	ng		99
63) Azobenzene	10.486	77	1009299	37.349	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	179939	44.178	ng		93
66) n-Nitrosodiphenylamine	10.445	169	846617	38.840	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	280840	38.534	ng		96
68) Hexachlorobenzene	10.880	284	286396	38.350	ng		97
69) Atrazine	10.974	200	248926	39.633	ng		99
70) Pentachlorophenol	11.074	266	216536	40.713	ng		97
71) Phenanthrene	11.292	178	1386784	38.397	ng		100
72) Anthracene	11.345	178	1422864	38.496	ng		99
73) Carbazole	11.498	167	1299898	39.496	ng		100
74) Di-n-butylphthalate	11.839	149	1480265	39.744	ng		98
75) Fluoranthene	12.480	202	1439388	39.710	ng		97
77) Benzidine	12.598	184	420183	50.969	ng	#	94
78) Pyrene	12.704	202	1487397	35.592	ng		99
80) Butylbenzylphthalate	13.333	149	621051	41.972	ng		99
81) Benzo(a)anthracene	13.892	228	1245119	37.141	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	412580	44.550	ng	#	99
83) Chrysene	13.933	228	1266635	37.792	ng		100
84) Bis(2-ethylhexyl)phtha...	13.898	149	746952	40.218	ng		100
85) Di-n-octyl phthalate	14.509	149	1396588	46.117	ng		99
87) Indeno(1,2,3-cd)pyrene	16.715	276	1058111	37.190	ng		100
88) Benzo(b)fluoranthene	14.921	252	1153061	36.236	ng		98
89) Benzo(k)fluoranthene	14.951	252	1177485	37.329	ng		99
90) Benzo(a)pyrene	15.268	252	1085699	37.485	ng		98
91) Dibenzo(a,h)anthracene	16.733	278	886872	37.374	ng		98
92) Benzo(g,h,i)perylene	17.133	276	870682	37.165	ng		99

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

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