Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136442.D
Acq On : 07 Dec 2023 12:18
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 07 12:40:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	134311	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	553605	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	281629	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	528524	20.000	ng		0.00
76) Chrysene-d12	13.986	240	291328	20.000	ng		0.00
86) Perylene-d12	15.462	264	262076	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	700633	77.039	ng		0.00
7) Phenol-d6	6.445	99	879765	77.534	ng		0.00
23) Nitrobenzene-d5	7.369	82	802692	78.384	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	272307	78.418	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1602841	77.658	ng		0.00
79) Terphenyl-d14	12.927	244	1833428	82.949	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	183877	51.117	ng		98
3) Pyridine	3.328	79	413206	47.433	ng		98
4) n-Nitrosodimethylamine	3.304	42	150835	39.854	ng		99
6) Aniline	6.475	93	560692	48.895	ng		96
8) 2-Chlorophenol	6.592	128	386650	38.943	ng		99
9) Benzaldehyde	6.357	77	244547	43.512	ng		99
10) Phenol	6.457	94	476054	39.428	ng		95
11) bis(2-Chloroethyl)ether	6.545	93	352524	39.170	ng		100
12) 1,3-Dichlorobenzene	6.745	146	403219	36.112	ng		100
13) 1,4-Dichlorobenzene	6.822	146	404585	35.720	ng		99
14) 1,2-Dichlorobenzene	6.975	146	385922	36.233	ng		99
15) Benzyl Alcohol	6.951	79	303612	39.958	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	440056	38.017	ng		98
17) 2-Methylphenol	7.063	107	337951	42.132	ng		95
18) Hexachloroethane	7.310	117	143289	36.235	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	252718	38.609	ng		98
20) 3+4-Methylphenols	7.216	107	401351	40.312	ng		93
22) Acetophenone	7.216	105	521896	38.177	ng	#	97
24) Nitrobenzene	7.386	77	386200	37.489	ng		99
25) Isophorone	7.628	82	708991	38.536	ng		98
26) 2-Nitrophenol	7.698	139	203400	40.162	ng		99
27) 2,4-Dimethylphenol	7.739	122	313605	50.218	ng		98
28) bis(2-Chloroethoxy)met...	7.833	93	436000	38.566	ng		99
29) 2,4-Dichlorophenol	7.939	162	323299	39.222	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	350026	36.417	ng		99
31) Naphthalene	8.104	128	1146893	37.567	ng		100
32) Benzoic acid	7.875	122	239317	38.631	ng		93
33) 4-Chloroaniline	8.157	127	479739	44.078	ng		98
34) Hexachlorobutadiene	8.216	225	200416	35.184	ng		99
35) Caprolactam	8.539	113	101297	39.906	ng		92
36) 4-Chloro-3-methylphenol	8.639	107	339877	38.834	ng		100
37) 2-Methylnaphthalene	8.798	142	767007	39.491	ng		97
38) 1-Methylnaphthalene	8.892	142	707992	37.148	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	352254	40.203	ng		100
41) Hexachlorocyclopentadiene	8.945	237	163796	50.460	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	225536	39.532	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	265392	41.679	ng	96
46) 1,1'-Biphenyl	9.263	154	930127	38.814	ng	98
47) 2-Chloronaphthalene	9.286	162	689814	36.984	ng	99
48) 2-Nitroaniline	9.386	65	209053	41.791	ng	92
49) Acenaphthylene	9.704	152	1076917	40.532	ng	99
50) Dimethylphthalate	9.569	163	845308	40.768	ng	100
51) 2,6-Dinitrotoluene	9.633	165	181875	38.990	ng	91
52) Acenaphthene	9.875	154	668974	39.291	ng	100
53) 3-Nitroaniline	9.798	138	202087	42.425	ng	94
54) 2,4-Dinitrophenol	9.910	184	115519	48.981	ng	99
55) Dibenzofuran	10.045	168	993080	39.926	ng	98
56) 4-Nitrophenol	9.963	139	139353	39.025	ng	96
57) 2,4-Dinitrotoluene	10.033	165	240520	38.977	ng	93
58) Fluorene	10.392	166	768185	38.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	205458	40.283	ng	99
60) Diethylphthalate	10.269	149	800234	39.249	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	380402	39.082	ng	94
62) 4-Nitroaniline	10.416	138	200724	42.438	ng	94
63) Azobenzene	10.545	77	728526	39.256	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	135483	41.391	ng	98
66) n-Nitrosodiphenylamine	10.504	169	694059	40.925	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	246244	40.073	ng	96
68) Hexachlorobenzene	10.939	284	264425	37.232	ng	95
69) Atrazine	11.033	200	160370	33.131	ng	99
70) Pentachlorophenol	11.133	266	150388	37.519	ng	99
71) Phenanthrene	11.357	178	1154566	39.744	ng	100
72) Anthracene	11.410	178	1194568	40.826	ng	99
73) Carbazole	11.569	167	1005996	38.846	ng	100
74) Di-n-butylphthalate	11.898	149	1287768	40.563	ng	100
75) Fluoranthene	12.551	202	1162556	38.188	ng	100
77) Benzidine	12.668	184	237324	37.382	ng	98
78) Pyrene	12.780	202	1163268	40.771	ng	98
80) Butylbenzylphthalate	13.404	149	448766	44.184	ng	91
81) Benzo(a)anthracene	13.974	228	820278	40.422	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	273203	48.017	ng	99
83) Chrysene	14.010	228	819026	41.022	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	570809	45.844	ng	100
85) Di-n-octyl phthalate	14.586	149	847844	46.099	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	776890	42.670	ng	100
88) Benzo(b)fluoranthene	15.027	252	663389	37.022	ng	99
89) Benzo(k)fluoranthene	15.062	252	627797	37.177	ng	99
90) Benzo(a)pyrene	15.404	252	615163	41.570	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	642750	43.092	ng	99
92) Benzo(g,h,i)perylene	17.439	276	645991	42.195	ng	99

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

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