Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
Data File : BF140313.D
Acq On : 11 Nov 2024 13:21
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Nov 11 23:44:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 11 23:41:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	154554	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	579382	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	316521	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	607301	20.000	ng		0.00
76) Chrysene-d12	14.051	240	416079	20.000	ng		0.00
86) Perylene-d12	15.551	264	331382	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	101940	11.395	ng		0.00
7) Phenol-d6	6.492	99	134846	11.344	ng		-0.02
23) Nitrobenzene-d5	7.434	82	121611	10.897	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	33992	11.054	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	247603	12.350	ng		0.00
79) Terphenyl-d14	12.980	244	274327	11.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	21619	5.374	ng		99
3) Pyridine	3.434	79	49168	5.071	ng		98
4) n-Nitrosodimethylamine	3.351	42	25159	4.947	ng	#	96
6) Aniline	6.534	93	60013	5.722	ng		99
8) 2-Chlorophenol	6.657	128	53587	5.642	ng		98
9) Benzaldehyde	6.428	77	42815	6.028	ng		98
10) Phenol	6.510	94	71369	5.660	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	53452	5.532	ng		100
12) 1,3-Dichlorobenzene	6.816	146	60393	5.641	ng		100
13) 1,4-Dichlorobenzene	6.892	146	62085	5.752	ng		98
14) 1,2-Dichlorobenzene	7.045	146	57709	5.784	ng		99
15) Benzyl Alcohol	7.010	79	47947	5.455	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	73851	5.584	ng		99
17) 2-Methylphenol	7.122	107	43755	5.614	ng		97
18) Hexachloroethane	7.386	117	22639	5.596	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	39750	5.491	ng		99
20) 3+4-Methylphenols	7.275	107	58923	6.035	ng	#	81
22) Acetophenone	7.281	105	76998	5.722	ng		94
24) Nitrobenzene	7.451	77	64279	5.502	ng		98
25) Isophorone	7.686	82	103518	5.325	ng		98
26) 2-Nitrophenol	7.769	139	23812	4.765	ng		98
27) 2,4-Dimethylphenol	7.804	122	34173	5.232	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	65748	5.527	ng		99
29) 2,4-Dichlorophenol	8.010	162	43748	5.455	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	50521	5.587	ng		98
31) Naphthalene	8.181	128	167380	5.764	ng		98
32) Benzoic acid	7.869	122	20761	3.532	ng		98
33) 4-Chloroaniline	8.222	127	56012	5.576	ng		99
34) Hexachlorobutadiene	8.292	225	33351	5.724	ng		99
35) Caprolactam	8.557	113	13527	5.311	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	48283	5.461	ng		98
37) 2-Methylnaphthalene	8.869	142	107556	5.820	ng		99
38) 1-Methylnaphthalene	8.969	142	105142	5.827	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	50984	5.743	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	29926	5.168	ng		96
44) 2,4,5-Trichlorophenol	9.186	196	32852	5.238	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.328	154	136300	5.872	ng		99
47) 2-Chloronaphthalene	9.357	162	102128	5.750	ng		98
48) 2-Nitroaniline	9.451	65	29512	5.015	ng		98
49) Acenaphthylene	9.769	152	154648	5.794	ng		99
50) Dimethylphthalate	9.622	163	114697	5.580	ng		100
51) 2,6-Dinitrotoluene	9.686	165	24246	5.242	ng		96
52) Acenaphthene	9.945	154	100748	5.573	ng		99
53) 3-Nitroaniline	9.857	138	25212	5.152	ng		95
55) Dibenzofuran	10.116	168	148487	5.883	ng		98
56) 4-Nitrophenol	10.016	139	15357	4.397	ng		94
57) 2,4-Dinitrotoluene	10.092	165	31405	5.156	ng	#	96
58) Fluorene	10.457	166	117463	5.924	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	27249	5.461	ng		96
60) Diethylphthalate	10.327	149	119569	5.711	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	58193	5.897	ng		99
62) 4-Nitroaniline	10.463	138	25278	5.161	ng		94
63) Azobenzene	10.610	77	118493	5.669	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	11186	3.355	ng		94
66) n-Nitrosodiphenylamine	10.569	169	98507	5.563	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	33558	5.515	ng		99
68) Hexachlorobenzene	11.010	284	38308	5.621	ng		98
69) Atrazine	11.092	200	30634	6.944	ng		98
70) Pentachlorophenol	11.204	266	16648	4.368	ng		96
71) Phenanthrene	11.422	178	167959	5.885	ng		97
72) Anthracene	11.474	178	161037	5.772	ng		99
73) Carbazole	11.627	167	156946	5.744	ng		99
74) Di-n-butylphthalate	11.957	149	188245	5.757	ng		99
75) Fluoranthene	12.616	202	187622	6.005	ng		98
77) Benzidine	12.733	184	59211	4.061	ng		99
78) Pyrene	12.845	202	196258	5.358	ng		99
80) Butylbenzylphthalate	13.457	149	71572	5.134	ng		98
81) Benzo(a)anthracene	14.039	228	151001	5.543	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	44306	5.079	ng		97
83) Chrysene	14.074	228	136832	5.488	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	100451	5.414	ng		99
85) Di-n-octyl phthalate	14.657	149	149406	5.474	ng		97
87) Indeno(1,2,3-cd)pyrene	17.051	276	93994	4.600	ng		98
88) Benzo(b)fluoranthene	15.115	252	119045	5.708	ng		99
89) Benzo(k)fluoranthene	15.139	252	103137	5.881	ng		100
90) Benzo(a)pyrene	15.486	252	91822	5.452	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	78403	4.670	ng		99
92) Benzo(g,h,i)perylene	17.503	276	80461	4.642	ng		100

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

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