Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140971.D
Acq On : 26 Dec 2024 16:49
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Dec 27 00:16:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:11:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	244397	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	981263	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	532506	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	938555	20.000	ng		0.00
76) Chrysene-d12	13.980	240	749775	20.000	ng		0.00
86) Perylene-d12	15.445	264	730672	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	183577	11.323	ng		0.00
7) Phenol-d6	6.434	99	233457	11.178	ng		-0.02
23) Nitrobenzene-d5	7.381	82	119635	7.800	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	47007	9.085	ng		-0.01
45) 2-Fluorobiphenyl	9.181	172	411497	12.312	ng		0.00
79) Terphenyl-d14	12.927	244	477948	10.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	38472	5.241	ng		97
3) Pyridine	3.310	79	99046	5.521	ng		97
4) n-Nitrosodimethylamine	3.234	42	46147	5.077	ng	#	96
6) Aniline	6.487	93	104416	5.605	ng		98
8) 2-Chlorophenol	6.604	128	95096	5.563	ng		97
10) Phenol	6.451	94	119516	5.534	ng		96
11) bis(2-Chloroethyl)ether	6.557	93	94288	5.412	ng		98
12) 1,3-Dichlorobenzene	6.769	146	106038	5.621	ng		99
13) 1,4-Dichlorobenzene	6.845	146	106890	5.621	ng		98
14) 1,2-Dichlorobenzene	6.998	146	101438	5.721	ng		97
15) Benzyl Alcohol	6.957	79	81438	5.426	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	147834	5.606	ng		99
17) 2-Methylphenol	7.063	107	76369	5.378	ng		100
18) Hexachloroethane	7.340	117	35891	5.313	ng		95
19) n-Nitroso-di-n-propyla...	7.228	70	69676	5.445	ng		97
20) 3+4-Methylphenols	7.216	107	100457	5.590	ng		93
22) Acetophenone	7.228	105	140966	5.856	ng		99
24) Nitrobenzene	7.398	77	70606	4.120	ng		97
25) Isophorone	7.640	82	182478	5.467	ng		98
26) 2-Nitrophenol	7.722	139	16400	7.379	ng		96
27) 2,4-Dimethylphenol	7.751	122	65753	5.391	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	117023	5.534	ng		97
29) 2,4-Dichlorophenol	7.957	162	70187	5.074	ng		100
30) 1,2,4-Trichlorobenzene	8.051	180	86885	5.549	ng		99
31) Naphthalene	8.128	128	296471	5.734	ng		98
33) 4-Chloroaniline	8.175	127	101675	5.435	ng		98
34) Hexachlorobutadiene	8.251	225	51022	5.527	ng		98
35) Caprolactam	8.492	113	23997	5.102	ng		97
36) 4-Chloro-3-methylphenol	8.639	107	80975	5.271	ng		98
37) 2-Methylnaphthalene	8.816	142	189400	5.726	ng		99
38) 1-Methylnaphthalene	8.916	142	188155	5.788	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	80086	5.467	ng		98
41) Hexachlorocyclopentadiene	8.975	237	21995	4.531	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	47166	4.837	ng		99
44) 2,4,5-Trichlorophenol	9.122	196	49432	4.955	ng		99
46) 1,1'-Biphenyl	9.281	154	236377	5.797	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.304	162	181255	5.732	ng		97
48) 2-Nitroaniline	9.392	65	18450	6.658	ng		95
49) Acenaphthylene	9.716	152	257474	5.656	ng		98
50) Dimethylphthalate	9.575	163	191408	5.465	ng		99
51) 2,6-Dinitrotoluene	9.634	165	17091	5.865	ng		88
52) Acenaphthene	9.892	154	171603	5.576	ng		99
53) 3-Nitroaniline	9.798	138	20408	5.713	ng	#	85
55) Dibenzofuran	10.063	168	247167	5.715	ng		97
57) 2,4-Dinitrotoluene	10.033	165	18052	6.371	ng	#	85
58) Fluorene	10.404	166	199322	5.943	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	40337	4.882	ng		100
60) Diethylphthalate	10.275	149	190810	5.518	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	93161	5.773	ng		100
62) 4-Nitroaniline	10.404	138	20793	5.839	ng	#	78
63) Azobenzene	10.557	77	199905	5.508	ng		99
66) n-Nitrosodiphenylamine	10.516	169	167108	5.654	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	55213	5.442	ng		99
68) Hexachlorobenzene	10.951	284	61339	5.483	ng		98
69) Atrazine	11.039	200	51263	6.209	ng		98
70) Pentachlorophenol	11.139	266	28530	4.096	ng		97
71) Phenanthrene	11.369	178	286441	5.799	ng		98
72) Anthracene	11.416	178	278610	5.756	ng		98
73) Carbazole	11.569	167	267065	5.740	ng		99
74) Di-n-butylphthalate	11.910	149	292755	5.532	ng		99
75) Fluoranthene	12.551	202	312668	5.836	ng		99
77) Benzidine	12.674	184	79065	4.990	ng		99
78) Pyrene	12.780	202	328787	5.014	ng		98
80) Butylbenzylphthalate	13.410	149	99667	4.162	ng		96
81) Benzo(a)anthracene	13.969	228	294772	5.641	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	88822	5.658	ng		98
83) Chrysene	14.010	228	251288	5.335	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	154045	4.960	ng		99
85) Di-n-octyl phthalate	14.592	149	216905	4.825	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	191761	4.166	ng		99
88) Benzo(b)fluoranthene	15.016	252	248464	4.876	ng		100
89) Benzo(k)fluoranthene	15.045	252	212890	5.330	ng		99
90) Benzo(a)pyrene	15.374	252	209418	5.294	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	154741	4.147	ng		99
92) Benzo(g,h,i)perylene	17.315	276	150669	3.893	ng		99

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

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