Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100124\
Data File : BF139589.D
Acq On : 01 Oct 2024 16:25
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 02 04:40:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:31:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	111122	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	421261	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	236524	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	441472	20.000	ng	0.00
76) Chrysene-d12	14.033	240	243088	20.000	ng	0.00
86) Perylene-d12	15.504	264	215660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	609018	89.408	ng	0.00
7) Phenol-d6	6.504	99	823346	92.089	ng	0.00
23) Nitrobenzene-d5	7.440	82	803956	89.719	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214860	85.327	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1422529	84.352	ng	0.00
79) Terphenyl-d14	12.980	244	1429786	96.543	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	135464	49.569	ng	100
3) Pyridine	3.393	79	320779	53.238	ng	100
4) n-Nitrosodimethylamine	3.357	42	217934	41.730	ng	99
6) Aniline	6.540	93	345269	51.172	ng	92
8) 2-Chlorophenol	6.657	128	327908	46.765	ng	98
9) Benzaldehyde	6.422	77	201951	39.095	ng	99
10) Phenol	6.522	94	430153	47.238	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	343359	49.611	ng	98
12) 1,3-Dichlorobenzene	6.810	146	369589	46.348	ng	100
13) 1,4-Dichlorobenzene	6.887	146	372447	46.219	ng	100
14) 1,2-Dichlorobenzene	7.040	146	348873	45.817	ng	99
15) Benzyl Alcohol	7.016	79	317885	44.564	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	607333	56.939	ng	97
17) 2-Methylphenol	7.128	107	275467	49.447	ng	99
18) Hexachloroethane	7.381	117	141950	46.248	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	258944	48.874	ng	98
20) 3+4-Methylphenols	7.281	107	340567	44.809	ng	96
22) Acetophenone	7.281	105	470799	42.749	ng	99
24) Nitrobenzene	7.457	77	411743	44.645	ng	100
25) Isophorone	7.692	82	697267	49.202	ng	100
26) 2-Nitrophenol	7.769	139	184550	51.363	ng	98
27) 2,4-Dimethylphenol	7.804	122	219619	46.337	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	422015	52.250	ng	99
29) 2,4-Dichlorophenol	8.016	162	280533	46.592	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	316643	45.134	ng	99
31) Naphthalene	8.175	128	1012707	46.048	ng	99
32) Benzoic acid	7.945	122	238651	53.805	ng	98
33) 4-Chloroaniline	8.234	127	347319	51.623	ng	99
34) Hexachlorobutadiene	8.287	225	208091	43.659	ng	99
35) Caprolactam	8.604	113	92573	49.981	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	315908	45.908	ng	99
37) 2-Methylnaphthalene	8.863	142	653192	46.793	ng	99
38) 1-Methylnaphthalene	8.963	142	642647	46.893	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	312057	44.517	ng	99
41) Hexachlorocyclopentadiene	9.016	237	112780	46.079	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	214268	46.983	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	230201	47.852	ng	99
46) 1,1'-Biphenyl	9.328	154	827650	45.484	ng	99
47) 2-Chloronaphthalene	9.357	162	630979	46.377	ng	99
48) 2-Nitroaniline	9.451	65	234859	46.410	ng	98
49) Acenaphthylene	9.769	152	955205	46.640	ng	100
50) Dimethylphthalate	9.633	163	738545	47.574	ng	100
51) 2,6-Dinitrotoluene	9.698	165	168815	49.087	ng	96
52) Acenaphthene	9.945	154	659057	46.108	ng	99
53) 3-Nitroaniline	9.863	138	172190	50.100	ng	99
54) 2,4-Dinitrophenol	9.969	184	104185	54.367	ng	99
55) Dibenzofuran	10.116	168	902494	45.300	ng	100
56) 4-Nitrophenol	10.028	139	136472	47.987	ng	96
57) 2,4-Dinitrotoluene	10.098	165	222971	48.023	ng	98
58) Fluorene	10.457	166	716836	44.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	185951	46.728	ng	99
60) Diethylphthalate	10.328	149	763068	47.631	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	356889	45.177	ng	100
62) 4-Nitroaniline	10.480	138	176020	46.926	ng	98
63) Azobenzene	10.610	77	766412	48.640	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	128297	55.063	ng	98
66) n-Nitrosodiphenylamine	10.569	169	617153	47.815	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	213423	48.784	ng	98
68) Hexachlorobenzene	11.004	284	237538	46.263	ng	99
69) Atrazine	11.092	200	133029	43.293	ng	100
70) Pentachlorophenol	11.198	266	149273	48.451	ng	98
71) Phenanthrene	11.422	178	974569	45.756	ng	100
72) Anthracene	11.469	178	965282	46.353	ng	100
73) Carbazole	11.627	167	940578	47.191	ng	100
74) Di-n-butylphthalate	11.951	149	1149562	51.776	ng	100
75) Fluoranthene	12.610	202	1057478	46.491	ng	100
77) Benzidine	12.727	184	145732	41.844	ng	100
78) Pyrene	12.839	202	1061007	50.833	ng	99
80) Butylbenzylphthalate	13.451	149	392845	55.295	ng	99
81) Benzo(a)anthracene	14.021	228	774220	48.082	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	224788	47.670	ng	98
83) Chrysene	14.063	228	678274	45.786	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	494356	54.698	ng	100
85) Di-n-octyl phthalate	14.621	149	729825	54.832	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	657789	51.295	ng	100
88) Benzo(b)fluoranthene	15.074	252	679816	51.112	ng	100
89) Benzo(k)fluoranthene	15.104	252	538207	43.887	ng	100
90) Benzo(a)pyrene	15.445	252	537142	48.695	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	546436	51.567	ng	100
92) Benzo(g,h,i)perylene	17.427	276	547137	52.148	ng	100

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

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