Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141031.D
Acq On : 30 Dec 2024 15:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 30 15:45:41 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 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	290764	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1134328	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	604245	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1042118	20.000	ng	0.00
76) Chrysene-d12	13.986	240	569163	20.000	ng	0.00
86) Perylene-d12	15.445	264	568544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1466439	76.023	ng	0.00
7) Phenol-d6	6.451	99	1885096	75.862	ng	0.00
23) Nitrobenzene-d5	7.392	82	1644928	92.777	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	522259	88.948	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2870617	75.691	ng	0.00
79) Terphenyl-d14	12.933	244	2925681	85.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	333276	38.163	ng	99
3) Pyridine	3.299	79	851066	39.878	ng	100
4) n-Nitrosodimethylamine	3.246	42	406392	37.582	ng	99
6) Aniline	6.492	93	893856	40.333	ng	99
8) 2-Chlorophenol	6.610	128	791355	38.912	ng	99
9) Benzaldehyde	6.375	77	550716	46.726	ng	99
10) Phenol	6.463	94	1028243	40.018	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	763888	36.820	ng	99
12) 1,3-Dichlorobenzene	6.769	146	869946	38.761	ng	99
13) 1,4-Dichlorobenzene	6.845	146	868210	38.373	ng	99
14) 1,2-Dichlorobenzene	6.998	146	813933	38.583	ng	99
15) Benzyl Alcohol	6.969	79	680798	38.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1171000	37.323	ng	100
17) 2-Methylphenol	7.075	107	645163	38.186	ng	100
18) Hexachloroethane	7.339	117	321897	40.050	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	561042	36.854	ng	99
20) 3+4-Methylphenols	7.228	107	807118	37.750	ng	97
22) Acetophenone	7.239	105	1045985	37.589	ng	99
24) Nitrobenzene	7.410	77	870161	43.922	ng	97
25) Isophorone	7.651	82	1465898	37.995	ng	100
26) 2-Nitrophenol	7.728	139	391984	48.249	ng	98
27) 2,4-Dimethylphenol	7.757	122	548642	38.910	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	927341	37.936	ng	100
29) 2,4-Dichlorophenol	7.963	162	640145	40.029	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	717039	39.615	ng	100
31) Naphthalene	8.133	128	2292123	38.348	ng	100
32) Benzoic acid	7.863	122	543727	47.041	ng	97
33) 4-Chloroaniline	8.181	127	839322	38.815	ng	99
34) Hexachlorobutadiene	8.251	225	423961	39.732	ng	100
35) Caprolactam	8.545	113	218197	40.135	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	689648	38.832	ng	98
37) 2-Methylnaphthalene	8.822	142	1467366	38.374	ng	100
38) 1-Methylnaphthalene	8.922	142	1441253	38.352	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	657935	39.579	ng	99
41) Hexachlorocyclopentadiene	8.975	237	233722	42.427	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	453624	41.001	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	484734	42.819	ng		99
46) 1,1'-Biphenyl	9.286	154	1774415	38.352	ng		99
47) 2-Chloronaphthalene	9.310	162	1394740	38.869	ng		99
48) 2-Nitroaniline	9.398	65	430660	46.083	ng		97
49) Acenaphthylene	9.722	152	1998339	38.686	ng		100
50) Dimethylphthalate	9.586	163	1552832	39.070	ng		100
51) 2,6-Dinitrotoluene	9.645	165	366493	45.428	ng		95
52) Acenaphthene	9.898	154	1390959	39.831	ng		99
53) 3-Nitroaniline	9.810	138	387849	44.272	ng	#	94
54) 2,4-Dinitrophenol	9.916	184	152915	56.064	ng	#	1
55) Dibenzofuran	10.069	168	1897580	38.665	ng		99
56) 4-Nitrophenol	9.957	139	311229	45.778	ng		97
57) 2,4-Dinitrotoluene	10.045	165	475598	47.955	ng		95
58) Fluorene	10.410	166	1452134	38.157	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	401409	42.815	ng		97
60) Diethylphthalate	10.286	149	1522617	38.805	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	716079	39.104	ng		97
62) 4-Nitroaniline	10.422	138	378356	43.316	ng		94
63) Azobenzene	10.563	77	1551826	37.680	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	227945	53.525	ng		96
66) n-Nitrosodiphenylamine	10.522	169	1283897	39.124	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	470632	41.777	ng		97
68) Hexachlorobenzene	10.957	284	505851	40.722	ng		99
69) Atrazine	11.045	200	317858	34.671	ng		100
70) Pentachlorophenol	11.145	266	349324	45.167	ng		99
71) Phenanthrene	11.369	178	2127169	38.783	ng		100
72) Anthracene	11.422	178	2068767	38.493	ng		100
73) Carbazole	11.574	167	1921678	37.195	ng		100
74) Di-n-butylphthalate	11.910	149	2279320	38.788	ng		100
75) Fluoranthene	12.557	202	2147665	36.104	ng		99
77) Benzidine	12.680	184	606634	50.432	ng		100
78) Pyrene	12.786	202	2132823	42.847	ng		100
80) Butylbenzylphthalate	13.410	149	759435	41.781	ng		100
81) Benzo(a)anthracene	13.974	228	1473101	37.136	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	494240	41.470	ng		99
83) Chrysene	14.010	228	1428944	39.961	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	919539	39.001	ng		100
85) Di-n-octyl phthalate	14.592	149	1392731	40.813	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1651010	46.092	ng		98
88) Benzo(b)fluoranthene	15.027	252	1399852	35.303	ng		99
89) Benzo(k)fluoranthene	15.057	252	1223125	39.356	ng		99
90) Benzo(a)pyrene	15.386	252	1191505	38.714	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	1345942	46.355	ng		99
92) Benzo(g,h,i)perylene	17.339	276	1406501	46.704	ng		100

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

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