Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
Data File : BF137641.D
Acq On : 19 Mar 2024 11:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 19 12:10:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	166437	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	631380	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	340612	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	555171	20.000	ng		0.00
76) Chrysene-d12	13.880	240	339483	20.000	ng		0.00
86) Perylene-d12	15.298	264	324753	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	884095	80.451	ng		0.00
7) Phenol-d6	6.369	99	1178962	74.323	ng		0.00
23) Nitrobenzene-d5	7.298	82	1024433	75.389	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	243861	81.527	ng		0.00
45) 2-Fluorobiphenyl	9.087	172	1646109	75.651	ng		0.00
79) Terphenyl-d14	12.827	244	1713899	69.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.369	88	224223	37.316	ng		98
3) Pyridine	3.075	79	571307	39.423	ng		97
4) n-Nitrosodimethylamine	3.046	42	206565	36.204	ng		95
6) Aniline	6.393	93	724721	37.390	ng		99
8) 2-Chlorophenol	6.510	128	447494	38.608	ng		94
9) Benzaldehyde	6.281	77	295196	37.985	ng		95
10) Phenol	6.381	94	643092	37.666	ng		98
11) bis(2-Chloroethyl)ether	6.469	93	460043	36.770	ng		97
12) 1,3-Dichlorobenzene	6.669	146	477406	38.545	ng		94
13) 1,4-Dichlorobenzene	6.745	146	482138	38.046	ng		98
14) 1,2-Dichlorobenzene	6.898	146	445144	38.270	ng		96
15) Benzyl Alcohol	6.875	79	391759	39.670	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	717986	33.385	ng		96
17) 2-Methylphenol	6.987	107	403676	37.219	ng		100
18) Hexachloroethane	7.234	117	163518	39.188	ng		94
19) n-Nitroso-di-n-propyla...	7.145	70	336225	34.325	ng		99
20) 3+4-Methylphenols	7.145	107	468456	37.713	ng		95
22) Acetophenone	7.140	105	581149	38.042	ng	#	97
24) Nitrobenzene	7.316	77	523166	38.326	ng		96
25) Isophorone	7.551	82	925362	35.845	ng		99
26) 2-Nitrophenol	7.628	139	220464	40.681	ng		98
27) 2,4-Dimethylphenol	7.669	122	391573	38.669	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	567052	37.437	ng		98
29) 2,4-Dichlorophenol	7.869	162	366171	39.400	ng		100
30) 1,2,4-Trichlorobenzene	7.951	180	383514	39.213	ng		99
31) Naphthalene	8.034	128	1290874	38.106	ng		99
32) Benzoic acid	7.798	122	186013	34.011	ng		98
33) 4-Chloroaniline	8.087	127	509899	38.386	ng		99
34) Hexachlorobutadiene	8.145	225	227796	39.452	ng		99
35) Caprolactam	8.457	113	122050	38.729	ng		94
36) 4-Chloro-3-methylphenol	8.569	107	390969	37.635	ng		100
37) 2-Methylnaphthalene	8.722	142	816975	37.831	ng		99
38) 1-Methylnaphthalene	8.822	142	758565	37.299	ng		99
40) 1,2,4,5-Tetrachloroben...	8.887	216	383455	40.325	ng		100
41) Hexachlorocyclopentadiene	8.869	237	137563	40.038	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	247727	40.005	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	288299	40.416	ng	94
46) 1,1'-Biphenyl	9.187	154	965182	38.716	ng	99
47) 2-Chloronaphthalene	9.210	162	733543	38.593	ng	99
48) 2-Nitroaniline	9.310	65	255036	39.478	ng	95
49) Acenaphthylene	9.622	152	1155362	37.983	ng	100
50) Dimethylphthalate	9.492	163	899052	37.918	ng	99
51) 2,6-Dinitrotoluene	9.551	165	196283	39.579	ng	99
52) Acenaphthene	9.798	154	685855	37.768	ng	98
53) 3-Nitroaniline	9.722	138	208867	39.817	ng	97
54) 2,4-Dinitrophenol	9.834	184	88631	41.099	ng	89
55) Dibenzofuran	9.969	168	1036456	37.473	ng	98
56) 4-Nitrophenol	9.892	139	138670	39.581	ng	88
57) 2,4-Dinitrotoluene	9.957	165	246520	40.460	ng	99
58) Fluorene	10.310	166	785519	36.981	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	221950	38.801	ng	97
60) Diethylphthalate	10.186	149	846998	37.828	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	386323	37.110	ng	94
62) 4-Nitroaniline	10.339	138	166221	36.868	ng	91
63) Azobenzene	10.463	77	900193	34.915	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	133560	43.164	ng	87
66) n-Nitrosodiphenylamine	10.422	169	705066	39.439	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	242292	40.069	ng	97
68) Hexachlorobenzene	10.851	284	243594	39.885	ng	97
69) Atrazine	10.951	200	221692	40.793	ng	97
70) Pentachlorophenol	11.051	266	139595	37.810	ng	100
71) Phenanthrene	11.269	178	1143599	37.851	ng	99
72) Anthracene	11.322	178	1189664	38.338	ng	98
73) Carbazole	11.480	167	1018751	38.327	ng	99
74) Di-n-butylphthalate	11.810	149	1234895	39.049	ng	100
75) Fluoranthene	12.451	202	1139266	38.576	ng	99
77) Benzidine	12.580	184	242708	29.214	ng	98
78) Pyrene	12.680	202	1145349	34.384	ng	100
80) Butylbenzylphthalate	13.304	149	420843	49.469	ng	98
81) Benzo(a)anthracene	13.869	228	878517	36.922	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	278551	43.961	ng	99
83) Chrysene	13.904	228	900520	37.446	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	544131	50.323	ng	100
85) Di-n-octyl phthalate	14.474	149	861953	42.137	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	768340	35.952	ng	97
88) Benzo(b)fluoranthene	14.892	252	710067	36.963	ng	99
89) Benzo(k)fluoranthene	14.921	252	787927	38.186	ng	99
90) Benzo(a)pyrene	15.239	252	728465	38.480	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	628378	36.246	ng	97
92) Benzo(g,h,i)perylene	17.104	276	637069	35.782	ng	99

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

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