Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137399.D
Acq On : 27 Feb 2024 12:18
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 27 12:51:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	237140	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	941207	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	524734	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	911421	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	527924	20.000	ng	-0.01
86) Perylene-d12	15.451	264	406346	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1287254	83.759	ng	-0.01
7) Phenol-d6	6.428	99	1823283	80.650	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1636705	86.816	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	375570	82.192	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2566703	76.152	ng	-0.01
79) Terphenyl-d14	12.916	244	2960417	78.433	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	348049	41.341	ng	99
3) Pyridine	3.305	79	894284	41.873	ng	97
4) n-Nitrosodimethylamine	3.281	42	329847	41.506	ng	98
6) Aniline	6.457	93	1158998	43.230	ng	99
8) 2-Chlorophenol	6.575	128	675868	41.002	ng	99
9) Benzaldehyde	6.340	77	481172	44.208	ng	96
10) Phenol	6.440	94	1010454	40.839	ng	96
11) bis(2-Chloroethyl)ether	6.534	93	752190	41.838	ng	100
12) 1,3-Dichlorobenzene	6.728	146	707831	39.987	ng	99
13) 1,4-Dichlorobenzene	6.804	146	720567	39.537	ng	99
14) 1,2-Dichlorobenzene	6.957	146	651951	38.674	ng	98
15) Benzyl Alcohol	6.934	79	602188	44.686	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1233778	41.287	ng	99
17) 2-Methylphenol	7.045	107	636612	40.818	ng	99
18) Hexachloroethane	7.293	117	242266	38.576	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	555816	39.897	ng	97
20) 3+4-Methylphenols	7.198	107	712158	40.062	ng	97
22) Acetophenone	7.198	105	903250	39.576	ng	97
24) Nitrobenzene	7.375	77	834152	43.544	ng	98
25) Isophorone	7.610	82	1563838	40.112	ng	99
26) 2-Nitrophenol	7.687	139	337450	46.215	ng	97
27) 2,4-Dimethylphenol	7.728	122	611878	42.675	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	927163	41.259	ng	100
29) 2,4-Dichlorophenol	7.928	162	569138	42.351	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	581052	40.282	ng	99
31) Naphthalene	8.092	128	1979952	39.199	ng	100
32) Benzoic acid	7.863	122	386904	44.663	ng	98
33) 4-Chloroaniline	8.140	127	838945	43.670	ng	99
34) Hexachlorobutadiene	8.204	225	343481	40.084	ng	99
35) Caprolactam	8.522	113	193695	46.607	ng	96
36) 4-Chloro-3-methylphenol	8.622	107	634416	41.641	ng	99
37) 2-Methylnaphthalene	8.781	142	1276160	39.209	ng	99
38) 1-Methylnaphthalene	8.881	142	1189866	38.667	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	572437	39.608	ng	98
41) Hexachlorocyclopentadiene	8.934	237	310309	47.356	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	398658	42.542	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	454740	42.299	ng		99
46) 1,1'-Biphenyl	9.245	154	1525932	39.927	ng		99
47) 2-Chloronaphthalene	9.269	162	1173601	40.662	ng		99
48) 2-Nitroaniline	9.369	65	409379	46.816	ng		99
49) Acenaphthylene	9.687	152	1859047	39.644	ng		99
50) Dimethylphthalate	9.557	163	1484326	40.937	ng		98
51) 2,6-Dinitrotoluene	9.616	165	314402	46.609	ng		93
52) Acenaphthene	9.857	154	1095520	39.137	ng		99
53) 3-Nitroaniline	9.787	138	339422	44.231	ng		100
54) 2,4-Dinitrophenol	9.886	184	147276	47.687	ng		94
55) Dibenzofuran	10.034	168	1693819	39.151	ng		100
56) 4-Nitrophenol	9.945	139	236199	43.678	ng		93
57) 2,4-Dinitrotoluene	10.016	165	387760	45.524	ng		98
58) Fluorene	10.375	166	1263532	38.243	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	369334m	41.486	ng		
60) Diethylphthalate	10.257	149	1405192	41.509	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	627393	38.603	ng		98
62) 4-Nitroaniline	10.404	138	324193	45.766	ng		98
63) Azobenzene	10.534	77	1647726	40.682	ng		96
65) 4,6-Dinitro-2-methylph...	10.428	198	209632	47.128	ng		97
66) n-Nitrosodiphenylamine	10.492	169	1164258	39.333	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	397707	40.590	ng		97
68) Hexachlorobenzene	10.922	284	397888	39.255	ng		99
69) Atrazine	11.028	200	364449	45.623	ng		98
70) Pentachlorophenol	11.116	266	278270	43.332	ng		100
71) Phenanthrene	11.339	178	1931875	38.419	ng		99
72) Anthracene	11.392	178	2009671	38.781	ng		99
73) Carbazole	11.551	167	1758206	39.710	ng		99
74) Di-n-butylphthalate	11.886	149	2145719	48.433	ng		100
75) Fluoranthene	12.533	202	1959258	39.917	ng		99
77) Benzidine	12.669	184	601883	64.059	ng		98
78) Pyrene	12.763	202	1982365	39.711	ng		100
80) Butylbenzylphthalate	13.398	149	474664	59.374	ng	#	88
81) Benzo(a)anthracene	13.957	228	1522228	41.553	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	411951	48.200	ng		99
83) Chrysene	13.998	228	1481600	39.591	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	630750	61.071	ng		98
85) Di-n-octyl phthalate	14.580	149	1026910	56.735	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.951	276	1141088	40.846	ng		98
88) Benzo(b)fluoranthene	15.016	252	996464	39.975	ng		100
89) Benzo(k)fluoranthene	15.045	252	1077887	41.256	ng		99
90) Benzo(a)pyrene	15.386	252	968219	40.949	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	952234	41.519	ng		98
92) Benzo(g,h,i)perylene	17.410	276	976121	41.259	ng		98

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

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