Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
Data File : BF138199.D
Acq On : 17 Jun 2024 12:30
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 13:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
Supervised By :mohammad ahmed 06/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	382353	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1505117	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	823001	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	1426301	20.000	ng		0.00
76) Chrysene-d12	14.051	240	857504	20.000	ng		0.00
86) Perylene-d12	15.521	264	765945	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1797334	78.635	ng		0.00
7) Phenol-d6	6.522	99	2254252	77.778	ng		0.00
23) Nitrobenzene-d5	7.457	82	2015350	77.952	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	613870	74.925	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	3573465	69.044	ng		0.00
79) Terphenyl-d14	12.998	244	3926187	72.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	418980	40.056	ng		99
3) Pyridine	3.445	79	1001683	40.293	ng		99
4) n-Nitrosodimethylamine	3.404	42	445719	38.740	ng		94
6) Aniline	6.557	93	1147813	40.474	ng		99
8) 2-Chlorophenol	6.681	128	973799	39.407	ng		97
9) Benzaldehyde	6.445	77	618873	40.203	ng		99
10) Phenol	6.534	94	1186290m	40.332	ng		
11) bis(2-Chloroethyl)ether	6.633	93	934071	39.679	ng		100
12) 1,3-Dichlorobenzene	6.833	146	1060567	37.765	ng		98
13) 1,4-Dichlorobenzene	6.910	146	1074017	38.003	ng		99
14) 1,2-Dichlorobenzene	7.063	146	1005699	37.907	ng		99
15) Benzyl Alcohol	7.033	79	793817	40.621	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1305299	39.289	ng		99
17) 2-Methylphenol	7.139	107	780447	40.030	ng		99
18) Hexachloroethane	7.410	117	382467	39.946	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	679407	39.547	ng		100
20) 3+4-Methylphenols	7.292	107	973993	39.691	ng	#	80
22) Acetophenone	7.304	105	1299598	37.798	ng		100
24) Nitrobenzene	7.475	77	1050641	39.319	ng		100
25) Isophorone	7.716	82	1799768	38.486	ng		100
26) 2-Nitrophenol	7.792	139	451641	42.033	ng		99
27) 2,4-Dimethylphenol	7.822	122	621412	38.014	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	1140379	38.956	ng		99
29) 2,4-Dichlorophenol	8.028	162	797843	37.909	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	917367	36.961	ng		98
31) Naphthalene	8.198	128	2764162	37.141	ng		100
32) Benzoic acid	7.933	122	550291	38.195	ng		98
33) 4-Chloroaniline	8.245	127	1066123	38.327	ng		99
34) Hexachlorobutadiene	8.316	225	538511	37.098	ng		98
35) Caprolactam	8.616	113	257671	40.554	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	825274	39.384	ng		99
37) 2-Methylnaphthalene	8.886	142	1810153	37.060	ng		99
38) 1-Methylnaphthalene	8.986	142	1775694	37.098	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	861559	35.824	ng		99
41) Hexachlorocyclopentadiene	9.039	237	299883	38.241	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	569607	37.826	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	634398	38.362	ng		98
46) 1,1'-Biphenyl	9.351	154	2184029	36.165	ng		99
47) 2-Chloronaphthalene	9.374	162	1769900	37.084	ng		99
48) 2-Nitroaniline	9.469	65	486856	42.357	ng		98
49) Acenaphthylene	9.792	152	2451518	36.631	ng		100
50) Dimethylphthalate	9.651	163	1919978	38.075	ng		100
51) 2,6-Dinitrotoluene	9.710	165	452779	41.389	ng		99
52) Acenaphthene	9.963	154	1677615	36.761	ng		99
53) 3-Nitroaniline	9.880	138	478440	40.940	ng		100
54) 2,4-Dinitrophenol	9.980	184	162122	37.769	ng		98
55) Dibenzofuran	10.133	168	2330529	36.531	ng		99
56) 4-Nitrophenol	10.027	139	381661	41.326	ng		98
57) 2,4-Dinitrotoluene	10.110	165	576795	42.749	ng	#	82
58) Fluorene	10.480	166	1807982	36.044	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	487190	37.696	ng		97
60) Diethylphthalate	10.351	149	1867890	39.029	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	914127	36.592	ng		99
62) 4-Nitroaniline	10.492	138	481880	41.270	ng		99
63) Azobenzene	10.627	77	1855462	38.698	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	245716	35.859	ng		98
66) n-Nitrosodiphenylamine	10.586	169	1589294	36.396	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	584161	36.347	ng		97
68) Hexachlorobenzene	11.021	284	669058	35.672	ng		99
69) Atrazine	11.110	200	462956	37.222	ng		99
70) Pentachlorophenol	11.210	266	428998	39.219	ng		98
71) Phenanthrene	11.439	178	2548212	36.127	ng		100
72) Anthracene	11.492	178	2557878	36.524	ng		99
73) Carbazole	11.645	167	2379034	37.038	ng		99
74) Di-n-butylphthalate	11.974	149	2646446	39.798	ng		100
75) Fluoranthene	12.627	202	2665580	37.060	ng		99
77) Benzidine	12.745	184	698414	70.415	ng		100
78) Pyrene	12.857	202	2754555	37.241	ng		100
80) Butylbenzylphthalate	13.474	149	890865	44.280	ng		98
81) Benzo(a)anthracene	14.039	228	2047646	37.221	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	596475	39.373	ng		99
83) Chrysene	14.074	228	1972352	37.613	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1066385	45.573	ng		99
85) Di-n-octyl phthalate	14.645	149	1426893	41.047	ng		100
87) Indeno(1,2,3-cd)pyrene	17.003	276	1881914	37.689	ng		98
88) Benzo(b)fluoranthene	15.092	252	1708015	37.814	ng		99
89) Benzo(k)fluoranthene	15.121	252	1679261	37.935	ng		99
90) Benzo(a)pyrene	15.462	252	1470406	37.893	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1565919	38.207	ng		99
92) Benzo(g,h,i)perylene	17.456	276	1595970	37.641	ng		98

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

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