Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135401.D
Acq On : 22 Sep 2023 15:16
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 04:41:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	135870	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	531660	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	263890	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	498711	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	236625	20.000	ng		0.00
86) Perylene-d12	15.409	264	274813	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	681393	81.567	ng		0.00
7) Phenol-d6	6.404	99	839352	79.018	ng		0.00
23) Nitrobenzene-d5	7.328	82	759416	77.603	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	171689	65.469	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1236042	70.667	ng		-0.01
79) Terphenyl-d14	12.880	244	1123527	73.605	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	166146	45.369	ng		93
3) Pyridine	3.204	79	458353	46.504	ng		97
4) n-Nitrosodimethylamine	3.175	42	219104	41.892	ng		93
6) Aniline	6.428	93	547279	39.289	ng		95
8) 2-Chlorophenol	6.545	128	354876	39.794	ng		100
9) Benzaldehyde	6.316	77	243686	40.270	ng		99
10) Phenol	6.422	94	456404	39.184	ng		80
11) bis(2-Chloroethyl)ether	6.504	93	361790	41.408	ng		98
12) 1,3-Dichlorobenzene	6.698	146	355320	39.206	ng		97
13) 1,4-Dichlorobenzene	6.775	146	358213	38.849	ng		99
14) 1,2-Dichlorobenzene	6.928	146	327139	38.204	ng		98
15) Benzyl Alcohol	6.910	79	272737	35.781	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	649968	39.467	ng		89
17) 2-Methylphenol	7.022	107	307081	39.021	ng		96
18) Hexachloroethane	7.263	117	134510	39.481	ng		91
19) n-Nitroso-di-n-propyla...	7.175	70	231994	35.260	ng		93
20) 3+4-Methylphenols	7.175	107	354061	37.416	ng		97
22) Acetophenone	7.175	105	448598	36.906	ng	#	98
24) Nitrobenzene	7.345	77	386838	39.994	ng		98
25) Isophorone	7.581	82	701720	39.051	ng		97
26) 2-Nitrophenol	7.657	139	189153	40.746	ng		98
27) 2,4-Dimethylphenol	7.698	122	311093	39.869	ng		98
28) bis(2-Chloroethoxy)met...	7.792	93	436065	40.544	ng		99
29) 2,4-Dichlorophenol	7.904	162	282165	39.025	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	287673	38.065	ng		98
31) Naphthalene	8.063	128	1003497	38.847	ng		100
32) Benzoic acid	7.828	122	234111m	39.844	ng		
33) 4-Chloroaniline	8.116	127	446392	39.387	ng		99
34) Hexachlorobutadiene	8.175	225	161354	35.408	ng		99
35) Caprolactam	8.492	113	103196	42.527	ng		98
36) 4-Chloro-3-methylphenol	8.604	107	314495	39.136	ng		96
37) 2-Methylnaphthalene	8.751	142	648728	37.360	ng		97
38) 1-Methylnaphthalene	8.851	142	602478	37.060	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	293269	38.360	ng		99
41) Hexachlorocyclopentadiene	8.898	237	130040	42.424	ng		97
43) 2,4,6-Trichlorophenol	9.033	196	191289	38.215	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	223170	38.715	ng		99
46) 1,1'-Biphenyl	9.216	154	773575	38.146	ng		98
47) 2-Chloronaphthalene	9.239	162	564874	38.390	ng		99
48) 2-Nitroaniline	9.345	65	238843	41.783	ng		97
49) Acenaphthylene	9.657	152	931509	38.093	ng		99
50) Dimethylphthalate	9.522	163	676654	37.926	ng		99
51) 2,6-Dinitrotoluene	9.592	165	157101	40.195	ng	#	81
52) Acenaphthene	9.827	154	554870	38.410	ng		97
53) 3-Nitroaniline	9.763	138	189073	41.211	ng		96
54) 2,4-Dinitrophenol	9.875	184	74492	37.198	ng		93
55) Dibenzofuran	10.004	168	813753	36.915	ng		98
56) 4-Nitrophenol	9.933	139	102943	35.304	ng		96
57) 2,4-Dinitrotoluene	9.998	165	179266	36.636	ng	#	85
58) Fluorene	10.345	166	634249	37.426	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.127	232	166438	37.534	ng		98
60) Diethylphthalate	10.222	149	653505	36.497	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	294857	36.220	ng		94
62) 4-Nitroaniline	10.374	138	192262	43.596	ng		96
63) Azobenzene	10.498	77	696522	39.746	ng		96
65) 4,6-Dinitro-2-methylph...	10.410	198	105978	40.010	ng		97
66) n-Nitrosodiphenylamine	10.463	169	584033	38.682	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	181558	36.604	ng		97
68) Hexachlorobenzene	10.898	284	183153	36.245	ng		96
69) Atrazine	10.992	200	144236	35.504	ng		99
70) Pentachlorophenol	11.098	266	111742	36.960	ng		98
71) Phenanthrene	11.310	178	909970	38.579	ng		99
72) Anthracene	11.363	178	944878	38.972	ng		100
73) Carbazole	11.527	167	881637	39.946	ng		99
74) Di-n-butylphthalate	11.857	149	984607	37.860	ng		100
75) Fluoranthene	12.510	202	925787	37.668	ng		100
77) Benzidine	12.633	184	207867	42.880	ng		100
78) Pyrene	12.739	202	927480	41.169	ng		99
80) Butylbenzylphthalate	13.363	149	321707	40.559	ng		99
81) Benzo(a)anthracene	13.933	228	609037	39.860	ng		100
82) 3,3'-Dichlorobenzidine	13.898	252	205495	43.057	ng	#	96
83) Chrysene	13.968	228	597361	39.322	ng		99
84) Bis(2-ethylhexyl)phtha...	13.921	149	345003	42.386	ng	#	99
85) Di-n-octyl phthalate	14.539	149	550007	42.520	ng		100
87) Indeno(1,2,3-cd)pyrene	16.892	276	692584	38.437	ng		96
88) Benzo(b)fluoranthene	14.980	252	571041	38.385	ng	#	97
89) Benzo(k)fluoranthene	15.009	252	528852	35.987	ng	#	97
90) Benzo(a)pyrene	15.351	252	560727	39.524	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	563862	38.246	ng		99
92) Benzo(g,h,i)perylene	17.339	276	591820	38.437	ng		95

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

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