Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135179.D
Acq On : 12 Sep 2023 13:46
Operator : CG\JU
Sample : 04203-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:02:58 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	101248	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	387365	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	198081	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	380018	20.000	ng		0.00
76) Chrysene-d12	13.945	240	184840	20.000	ng		0.00
86) Perylene-d12	15.404	264	216769	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	618895	99.419	ng		0.01
7) Phenol-d6	6.404	99	793200	100.207	ng		0.00
23) Nitrobenzene-d5	7.328	82	498016	69.849	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	219214	111.364	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	877062	66.803	ng		0.00
79) Terphenyl-d14	12.886	244	824340	69.135	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	117994	43.238	ng		99
3) Pyridine	3.298	79	291329	39.665	ng		98
4) n-Nitrosodimethylamine	3.263	42	192808	49.470	ng		98
6) Aniline	6.428	93	357872	34.477	ng	#	92
8) 2-Chlorophenol	6.551	128	332277	50.002	ng		95
9) Benzaldehyde	6.316	77	124275	27.559	ng		99
10) Phenol	6.422	94	409490	47.178	ng		92
11) bis(2-Chloroethyl)ether	6.504	93	311952	47.913	ng		99
12) 1,3-Dichlorobenzene	6.704	146	329707	48.820	ng		98
13) 1,4-Dichlorobenzene	6.781	146	336075	48.911	ng		99
14) 1,2-Dichlorobenzene	6.928	146	316669	49.628	ng		99
15) Benzyl Alcohol	6.910	79	287032	50.533	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	578689	47.154	ng		97
17) 2-Methylphenol	7.022	107	263465	44.927	ng		98
18) Hexachloroethane	7.269	117	126827	49.955	ng		95
19) n-Nitroso-di-n-propyla...	7.181	70	219132	44.694	ng		96
20) 3+4-Methylphenols	7.175	107	313840	44.507	ng		96
22) Acetophenone	7.175	105	435594	49.185	ng		98
24) Nitrobenzene	7.345	77	347052	49.247	ng		100
25) Isophorone	7.586	82	640676	48.935	ng		99
26) 2-Nitrophenol	7.663	139	176764	52.262	ng		97
27) 2,4-Dimethylphenol	7.704	122	268013	47.142	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	387462	49.445	ng		99
29) 2,4-Dichlorophenol	7.904	162	269905	51.235	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	280877	51.010	ng		97
31) Naphthalene	8.063	128	926271	49.215	ng		100
32) Benzoic acid	7.845	122	218844	51.120	ng		98
33) 4-Chloroaniline	8.116	127	270791	32.793	ng		98
34) Hexachlorobutadiene	8.181	225	165786	49.933	ng		100
35) Caprolactam	8.498	113	93774m	53.039	ng		
36) 4-Chloro-3-methylphenol	8.604	107	300584	51.338	ng		99
37) 2-Methylnaphthalene	8.757	142	597589	47.235	ng		98
38) 1-Methylnaphthalene	8.857	142	565724	47.762	ng		97
40) 1,2,4,5-Tetrachloroben...	8.922	216	282029	49.146	ng		99
41) Hexachlorocyclopentadiene	8.910	237	250020	97.135	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	191251	50.901	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	210713	48.698	ng		95
46) 1,1'-Biphenyl	9.222	154	755332	49.620	ng		99
47) 2-Chloronaphthalene	9.245	162	561971	50.882	ng		98
48) 2-Nitroaniline	9.351	65	215953	50.329	ng		99
49) Acenaphthylene	9.663	152	925338	50.412	ng		100
50) Dimethylphthalate	9.533	163	659797	49.267	ng		100
51) 2,6-Dinitrotoluene	9.598	165	149978	51.121	ng	#	81
52) Acenaphthene	9.833	154	535859	49.418	ng		98
53) 3-Nitroaniline	9.763	138	138578	40.240	ng		100
54) 2,4-Dinitrophenol	9.880	184	164479	97.291	ng		90
55) Dibenzofuran	10.010	168	806943	48.767	ng		99
56) 4-Nitrophenol	9.939	139	239041	109.215	ng		98
57) 2,4-Dinitrotoluene	10.004	165	183268	49.898	ng		94
58) Fluorene	10.351	166	623001	48.976	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	174476	52.420	ng		99
60) Diethylphthalate	10.233	149	658135	48.967	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	294011	48.116	ng		99
62) 4-Nitroaniline	10.386	138	161797	48.876	ng		98
63) Azobenzene	10.510	77	651798	49.551	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	104721	51.883	ng		84
66) n-Nitrosodiphenylamine	10.469	169	566792	49.265	ng		100
67) 4-Bromophenyl-phenylether	10.839	248	189843	50.229	ng		99
68) Hexachlorobenzene	10.898	284	207538	53.899	ng	#	91
69) Atrazine	11.004	200	174487	56.365	ng		98
70) Pentachlorophenol	11.098	266	196467	85.281	ng		98
71) Phenanthrene	11.321	178	893483	49.712	ng		99
72) Anthracene	11.369	178	918469	49.715	ng		99
73) Carbazole	11.527	167	848134	50.431	ng		99
74) Di-n-butylphthalate	11.863	149	990166	49.965	ng		100
75) Fluoranthene	12.510	202	888521	47.444	ng		100
77) Benzidine	12.633	184	153401	40.510	ng		98
78) Pyrene	12.739	202	881238	50.076	ng		100
80) Butylbenzylphthalate	13.368	149	314208	50.711	ng		99
81) Benzo(a)anthracene	13.939	228	594936	49.845	ng		98
82) 3,3'-Dichlorobenzidine	13.904	252	174770	46.879	ng		100
83) Chrysene	13.974	228	572497	48.244	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	342676	53.895	ng		99
85) Di-n-octyl phthalate	14.551	149	591090	58.498	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	723058	50.874	ng		99
88) Benzo(b)fluoranthene	14.986	252	602783	51.368	ng		100
89) Benzo(k)fluoranthene	15.015	252	546531	47.149	ng		99
90) Benzo(a)pyrene	15.351	252	538552	48.126	ng		98
91) Dibenzo(a,h)anthracene	16.903	278	588225	50.582	ng		98
92) Benzo(g,h,i)perylene	17.333	276	585867	48.239	ng		98

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

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