Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134848.D
Acq On : 18 Aug 2023 19:17
Operator : CG\JU
Sample : 04020-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 01:45:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	135345	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	529237	20.000	ng	#	0.00
39) Acenaphthene-d10	9.828	164	243856	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	336256	20.000	ng	#	0.00
76) Chrysene-d12	13.969	240	256534	20.000	ng	#	0.00
86) Perylene-d12	15.433	264	195780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	980890	110.167	ng		0.02
7) Phenol-d6	6.440	99	1127888	99.097	ng		0.00
23) Nitrobenzene-d5	7.357	82	838437	99.003	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	285724	114.939	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1404722	95.779	ng		-0.01
79) Terphenyl-d14	12.910	244	1146827	78.808	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	150342	36.700	ng	#	79
3) Pyridine	3.452	79	352064	31.716	ng	#	86
4) n-Nitrosodimethylamine	3.393	42	201790	38.045	ng	#	60
6) Aniline	6.463	93	157259	10.534	ng		92
8) 2-Chlorophenol	6.581	128	422349	47.024	ng		95
9) Benzaldehyde	6.351	77	141857	21.913	ng		93
10) Phenol	6.451	94	423810	37.786	ng		81
11) bis(2-Chloroethyl)ether	6.540	93	399996	44.893	ng		90
12) 1,3-Dichlorobenzene	6.734	146	437589	47.089	ng		95
13) 1,4-Dichlorobenzene	6.810	146	448529	48.160	ng		99
14) 1,2-Dichlorobenzene	6.963	146	426446	49.143	ng		96
15) Benzyl Alcohol	6.940	79	356073	45.349	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	591826	42.397	ng		91
17) 2-Methylphenol	7.051	107	322717	40.661	ng		93
18) Hexachloroethane	7.304	117	156393	47.845	ng		91
19) n-Nitroso-di-n-propyla...	7.210	70	274843	40.332	ng		91
20) 3+4-Methylphenols	7.204	107	371543	38.817	ng		95
22) Acetophenone	7.204	105	538162	44.047	ng	#	90
24) Nitrobenzene	7.375	77	435958	47.650	ng		97
25) Isophorone	7.616	82	773055	41.852	ng		99
26) 2-Nitrophenol	7.692	139	215599	54.641	ng	#	86
27) 2,4-Dimethylphenol	7.728	122	331322	40.200	ng		88
28) bis(2-Chloroethoxy)met...	7.828	93	476563	43.130	ng		99
29) 2,4-Dichlorophenol	7.934	162	336273	44.955	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	374473	46.946	ng		96
31) Naphthalene	8.092	128	1169830	43.981	ng		99
32) Benzoic acid	7.840	122	165705	33.637	ng		90
33) 4-Chloroaniline	8.139	127	54008	4.557	ng		97
34) Hexachlorobutadiene	8.210	225	216488	47.051	ng		96
35) Caprolactam	8.510	113	86329m	35.772	ng		
36) 4-Chloro-3-methylphenol	8.634	107	346127	43.692	ng		93
37) 2-Methylnaphthalene	8.787	142	735968	41.744	ng		99
38) 1-Methylnaphthalene	8.886	142	699506	42.667	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	353911	49.909	ng		100
41) Hexachlorocyclopentadiene	8.934	237	116896	33.899	ng		94
43) 2,4,6-Trichlorophenol	9.063	196	229407	49.432	ng		96

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44) 2,4,5-Trichlorophenol	9.104	196	239189	45.095	ng		94
46) 1,1'-Biphenyl	9.251	154	904771	47.713	ng		98
47) 2-Chloronaphthalene	9.275	162	679618	47.830	ng		98
48) 2-Nitroaniline	9.375	65	211961	47.859	ng		88
49) Acenaphthylene	9.692	152	1012231	45.320	ng		100
50) Dimethylphthalate	9.557	163	808612	48.651	ng		98
51) 2,6-Dinitrotoluene	9.616	165	173136	50.694	ng		87
52) Acenaphthene	9.863	154	611511	42.249	ng		97
53) 3-Nitroaniline	9.781	138	78924	21.305	ng		93
54) 2,4-Dinitrophenol	9.892	184	50964	47.030	ng		87
55) Dibenzofuran	10.033	168	879206	42.670	ng		96
56) 4-Nitrophenol	9.951	139	207930	68.627	ng	#	72
57) 2,4-Dinitrotoluene	10.022	165	200679	48.743	ng	#	87
58) Fluorene	10.381	166	630752	42.027	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	180700m	43.062	ng		
60) Diethylphthalate	10.257	149	713535	45.293	ng		96
61) 4-Chlorophenyl-phenyle...	10.375	204	326700	44.287	ng		91
62) 4-Nitroaniline	10.398	138	134073	36.924	ng	#	84
63) Azobenzene	10.533	77	643658	38.027	ng		97
65) 4,6-Dinitro-2-methylph...	10.428	198	46262	36.569	ng		85
66) n-Nitrosodiphenylamine	10.492	169	576633	53.877	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	198350	53.886	ng		96
68) Hexachlorobenzene	10.928	284	201382	51.809	ng		95
69) Atrazine	11.022	200	182946	63.418	ng		98
70) Pentachlorophenol	11.122	266	172661	71.742	ng		95
71) Phenanthrene	11.345	178	804224	45.028	ng		99
72) Anthracene	11.392	178	816872	44.776	ng		99
73) Carbazole	11.551	167	693593	42.580	ng		99
74) Di-n-butylphthalate	11.886	149	853864	49.340	ng		99
75) Fluoranthene	12.533	202	806022	42.723	ng		96
77) Benzidine	12.657	184	182169	32.712	ng		99
78) Pyrene	12.763	202	847120	38.162	ng		97
80) Butylbenzylphthalate	13.392	149	323766	43.133	ng	#	98
81) Benzo(a)anthracene	13.957	228	789749	43.054	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	146787	27.607	ng	#	99
83) Chrysene	13.998	228	776868	43.470	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	392546	44.439	ng		99
85) Di-n-octyl phthalate	14.574	149	796462	59.292	ng		100
87) Indeno(1,2,3-cd)pyrene	16.921	276	488701	42.443	ng	#	93
88) Benzo(b)fluoranthene	15.010	252	635822	53.250	ng	#	98
89) Benzo(k)fluoranthene	15.039	252	602752	50.674	ng		98
90) Benzo(a)pyrene	15.374	252	485546	43.613	ng	#	97
91) Dibenzo(a,h)anthracene	16.945	278	406593	43.694	ng	#	95
92) Benzo(g,h,i)perylene	17.374	276	395057	41.620	ng	#	92

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

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