Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134823.D
Acq On : 17 Aug 2023 18:24
Operator : CG\JU
Sample : 04043-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 18 01:06:49 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-4MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	140254	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	553323	20.000	ng	#	0.00
39) Acenaphthene-d10	9.828	164	272329	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	454078	20.000	ng	#	0.00
76) Chrysene-d12	13.969	240	249319	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	350431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	727740	78.874	ng		0.00
7) Phenol-d6	6.434	99	912870	77.398	ng		0.00
23) Nitrobenzene-d5	7.357	82	566538	63.985	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	245808	88.543	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	992187	60.578	ng		-0.01
79) Terphenyl-d14	12.910	244	819203	57.924	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	173816	40.945	ng	#	92
3) Pyridine	3.369	79	436970	37.987	ng		90
4) n-Nitrosodimethylamine	3.340	42	222109	40.410	ng	#	61
6) Aniline	6.463	93	496960	32.124	ng		90
8) 2-Chlorophenol	6.581	128	461242	49.556	ng		95
9) Benzaldehyde	6.346	77	196507	32.250	ng		98
10) Phenol	6.446	94	546845m	47.049	ng		
11) bis(2-Chloroethyl)ether	6.534	93	430905	46.669	ng		93
12) 1,3-Dichlorobenzene	6.734	146	479462	49.789	ng		95
13) 1,4-Dichlorobenzene	6.810	146	489874	50.758	ng		96
14) 1,2-Dichlorobenzene	6.963	146	462831	51.469	ng		96
15) Benzyl Alcohol	6.940	79	385427	47.369	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	653787	45.197	ng		90
17) 2-Methylphenol	7.051	107	361267	43.925	ng		93
18) Hexachloroethane	7.304	117	173342	51.175	ng		91
19) n-Nitroso-di-n-propyla...	7.210	70	292132	41.369	ng		90
20) 3+4-Methylphenols	7.204	107	411735	41.510	ng	#	88
22) Acetophenone	7.204	105	564655	44.204	ng	#	92
24) Nitrobenzene	7.375	77	471965	49.340	ng		97
25) Isophorone	7.616	82	856268	44.339	ng		99
26) 2-Nitrophenol	7.692	139	243199	58.575	ng	#	87
27) 2,4-Dimethylphenol	7.728	122	371828	43.151	ng		87
28) bis(2-Chloroethoxy)met...	7.828	93	523730	45.335	ng		99
29) 2,4-Dichlorophenol	7.934	162	375297	47.988	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	412975	49.519	ng		97
31) Naphthalene	8.098	128	1277272	45.930	ng		99
32) Benzoic acid	7.857	122	290610	51.095	ng		91
33) 4-Chloroaniline	8.145	127	222442	17.952	ng		96
34) Hexachlorobutadiene	8.210	225	239411	49.768	ng		97
35) Caprolactam	8.516	113	114332m	45.313	ng		
36) 4-Chloro-3-methylphenol	8.634	107	389111	46.980	ng		91
37) 2-Methylnaphthalene	8.787	142	814853	44.207	ng		99
38) 1-Methylnaphthalene	8.887	142	767734	44.790	ng		96
40) 1,2,4,5-Tetrachloroben...	8.951	216	394470	49.812	ng		98
41) Hexachlorocyclopentadiene	8.939	237	382842	99.415	ng		93
43) 2,4,6-Trichlorophenol	9.063	196	261968	50.546	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	275579	46.524	ng		93
46) 1,1'-Biphenyl	9.251	154	1017191	48.033	ng		98
47) 2-Chloronaphthalene	9.275	162	780214	49.169	ng		99
48) 2-Nitroaniline	9.375	65	235764	47.680	ng		92
49) Acenaphthylene	9.692	152	1179748	47.298	ng		99
50) Dimethylphthalate	9.557	163	881679	47.501	ng		97
51) 2,6-Dinitrotoluene	9.622	165	200782	52.546	ng	#	75
52) Acenaphthene	9.863	154	830228m	51.362	ng		
53) 3-Nitroaniline	9.786	138	134262	32.453	ng		99
54) 2,4-Dinitrophenol	9.898	184	194196	110.661	ng		88
55) Dibenzofuran	10.039	168	1042421	45.302	ng		95
56) 4-Nitrophenol	9.957	139	287731	85.036	ng	#	74
57) 2,4-Dinitrotoluene	10.028	165	250771	54.202	ng	#	83
58) Fluorene	10.381	166	773188	46.132	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.157	232	230584	49.204	ng		96
60) Diethylphthalate	10.257	149	806979	45.868	ng		96
61) 4-Chlorophenyl-phenyle...	10.375	204	386753	46.946	ng		95
62) 4-Nitroaniline	10.404	138	184071	45.394	ng	#	84
63) Azobenzene	10.533	77	803244	42.494	ng		96
65) 4,6-Dinitro-2-methylph...	10.433	198	133864	68.419	ng		81
66) n-Nitrosodiphenylamine	10.498	169	703535	48.678	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	256097	51.521	ng		97
68) Hexachlorobenzene	10.928	284	280053	53.354	ng		98
69) Atrazine	11.028	200	221053	56.745	ng		98
70) Pentachlorophenol	11.122	266	249302	76.708	ng		96
71) Phenanthrene	11.345	178	1120596	46.462	ng		99
72) Anthracene	11.398	178	1131988	45.948	ng		99
73) Carbazole	11.551	167	899597	40.897	ng		99
74) Di-n-butylphthalate	11.886	149	1093654	46.799	ng		99
75) Fluoranthene	12.539	202	980038	38.468	ng		98
77) Benzidine	12.663	184	320637	59.244	ng		99
78) Pyrene	12.763	202	967126	44.828	ng		97
80) Butylbenzylphthalate	13.392	149	340969	46.739	ng		94
81) Benzo(a)anthracene	13.957	228	784986	44.032	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	255660	49.474	ng		99
83) Chrysene	13.998	228	786958	45.309	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	446670	52.030	ng		99
85) Di-n-octyl phthalate	14.574	149	948349	72.642	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1213683	58.889	ng	#	92
88) Benzo(b)fluoranthene	15.010	252	1028662	48.130	ng	#	97
89) Benzo(k)fluoranthene	15.039	252	886303	41.629	ng	#	98
90) Benzo(a)pyrene	15.380	252	896961	45.012	ng	#	97
91) Dibenzo(a,h)anthracene	16.957	278	994947	59.735	ng	#	96
92) Benzo(g,h,i)perylene	17.392	276	989828	58.259	ng	#	93

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

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