Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134347.D
Acq On : 18 Jul 2023 20:17
Operator : CG\JU
Sample : 03615-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 01:41:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	70957	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	269977	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	131801	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	236012	20.000	ng	#	0.00
76) Chrysene-d12	14.033	240	148211	20.000	ng		0.00
86) Perylene-d12	15.539	264	149577	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	356930	84.144	ng		0.02
7) Phenol-d6	6.487	99	439602	84.268	ng		0.00
23) Nitrobenzene-d5	7.404	82	306852	61.268	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	153027	92.602	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	606899	66.947	ng		0.00
79) Terphenyl-d14	12.969	244	575073	62.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	67310	38.484	ng		98
3) Pyridine	3.481	79	158260	34.738	ng		97
4) n-Nitrosodimethylamine	3.446	42	105758	40.645	ng		100
6) Aniline	6.504	93	226744	35.719	ng	#	42
8) 2-Chlorophenol	6.628	128	194823	45.244	ng		98
9) Benzaldehyde	6.393	77	122052	43.607	ng		96
10) Phenol	6.498	94	232571	42.402	ng		79
11) bis(2-Chloroethyl)ether	6.575	93	178746	44.264	ng		99
12) 1,3-Dichlorobenzene	6.781	146	213772	46.566	ng		98
13) 1,4-Dichlorobenzene	6.857	146	212921	45.919	ng		96
14) 1,2-Dichlorobenzene	7.004	146	205368	47.291	ng		98
15) Benzyl Alcohol	6.987	79	181011	45.010	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	262843	36.792	ng		86
17) 2-Methylphenol	7.098	107	157014	40.720	ng		94
18) Hexachloroethane	7.345	117	80751	46.967	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	145114	43.864	ng		95
20) 3+4-Methylphenols	7.251	107	200496	42.860	ng		94
22) Acetophenone	7.251	105	284222	46.291	ng		96
24) Nitrobenzene	7.422	77	211968	41.882	ng		95
25) Isophorone	7.663	82	384135	42.202	ng		97
26) 2-Nitrophenol	7.740	139	106434	43.838	ng		93
27) 2,4-Dimethylphenol	7.781	122	169705	44.158	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	219302	41.609	ng		99
29) 2,4-Dichlorophenol	7.981	162	161829	42.465	ng		95
30) 1,2,4-Trichlorobenzene	8.057	180	180991	46.027	ng		97
31) Naphthalene	8.140	128	550936	42.247	ng		99
32) Benzoic acid	7.922	122	118949	41.305	ng		98
33) 4-Chloroaniline	8.198	127	145689	26.117	ng		99
34) Hexachlorobutadiene	8.251	225	119711	48.261	ng		99
35) Caprolactam	8.575	113	50601m	40.326	ng		
36) 4-Chloro-3-methylphenol	8.681	107	184326	43.055	ng		93
37) 2-Methylnaphthalene	8.834	142	371140	40.246	ng		100
38) 1-Methylnaphthalene	8.934	142	348151	40.610	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	178429	45.695	ng		99
41) Hexachlorocyclopentadiene	8.981	237	97079	52.404	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	116978	44.007	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	123041	39.351	ng		94
46) 1,1'-Biphenyl	9.298	154	468871	44.348	ng		98
47) 2-Chloronaphthalene	9.322	162	346148	44.747	ng		97
48) 2-Nitroaniline	9.428	65	114099	40.472	ng		92
49) Acenaphthylene	9.739	152	550306	41.645	ng		99
50) Dimethylphthalate	9.604	163	421060	44.010	ng		99
51) 2,6-Dinitrotoluene	9.669	165	89686	43.523	ng		93
52) Acenaphthene	9.910	154	329848	43.018	ng		99
53) 3-Nitroaniline	9.839	138	84902	34.344	ng		96
54) 2,4-Dinitrophenol	9.957	184	67770	58.060	ng		97
55) Dibenzofuran	10.086	168	502836	41.961	ng		99
56) 4-Nitrophenol	10.016	139	122238	70.690	ng		92
57) 2,4-Dinitrotoluene	10.081	165	116198	42.698	ng	#	85
58) Fluorene	10.428	166	396228	42.500	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	98048m	39.754	ng		
60) Diethylphthalate	10.304	149	443290	44.472	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	196641	43.767	ng		97
62) 4-Nitroaniline	10.463	138	86769	34.828	ng		94
63) Azobenzene	10.581	77	382077	40.523	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	47724	37.090	ng		99
66) n-Nitrosodiphenylamine	10.545	169	343741	45.585	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	119117	47.485	ng	#	91
68) Hexachlorobenzene	10.980	284	133618	50.167	ng		98
69) Atrazine	11.075	200	112586	53.977	ng		97
70) Pentachlorophenol	11.180	266	116997	73.466	ng		98
71) Phenanthrene	11.398	178	532429	44.813	ng		99
72) Anthracene	11.451	178	528678	42.781	ng		100
73) Carbazole	11.610	167	470472	41.593	ng		98
74) Di-n-butylphthalate	11.933	149	632572	47.027	ng		99
75) Fluoranthene	12.598	202	593948	46.241	ng		96
77) Benzidine	12.722	184	204973	58.122	ng		98
78) Pyrene	12.827	202	577860	41.895	ng		99
80) Butylbenzylphthalate	13.445	149	222896	43.088	ng		97
81) Benzo(a)anthracene	14.027	228	486149	47.297	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	150081	46.087	ng		99
83) Chrysene	14.063	228	449475	45.148	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	308509	51.901	ng		100
85) Di-n-octyl phthalate	14.627	149	495143	56.691	ng		97
87) Indeno(1,2,3-cd)pyrene	17.092	276	398294	38.374	ng	#	94
88) Benzo(b)fluoranthene	15.098	252	439814	50.006	ng		98
89) Benzo(k)fluoranthene	15.127	252	425590	47.526	ng		98
90) Benzo(a)pyrene	15.480	252	362669m	42.642	ng		
91) Dibenzo(a,h)anthracene	17.110	278	321086	37.875	ng	#	94
92) Benzo(g,h,i)perylene	17.568	276	304980	34.885	ng	#	93

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

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