Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134342.D
Acq On : 18 Jul 2023 17:28
Operator : CG\JU
Sample : 03597-22MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MSD

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

Quant Time: Jul 19 01:37:48 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	6.839	152	78988	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	354390	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	157025	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	279628	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	203860	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	219960	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	523015	110.762	ng		0.02
7) Phenol-d6	6.486	99	647121	111.436	ng		0.00
23) Nitrobenzene-d5	7.404	82	524862	79.835	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	264514	134.354	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1024679	94.875	ng		0.00
79) Terphenyl-d14	12.968	244	1037249	81.888	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	80180	41.181	ng		99
3) Pyridine	3.475	79	197026	38.850	ng		96
4) n-Nitrosodimethylamine	3.434	42	129042	44.551	ng		97
6) Aniline	6.504	93	142533	20.170	ng	#	1
8) 2-Chlorophenol	6.628	128	220531	46.007	ng		98
9) Benzaldehyde	6.392	77	130889	41.400	ng		92
10) Phenol	6.504	94	258946	42.410	ng		84
11) bis(2-Chloroethyl)ether	6.581	93	195801	43.558	ng		95
12) 1,3-Dichlorobenzene	6.781	146	241125	47.184	ng		98
13) 1,4-Dichlorobenzene	6.857	146	243096	47.096	ng		98
14) 1,2-Dichlorobenzene	7.010	146	235958	48.811	ng		99
15) Benzyl Alcohol	6.986	79	212865	47.549	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	315832	39.715	ng		84
17) 2-Methylphenol	7.098	107	185555	43.229	ng		95
18) Hexachloroethane	7.345	117	96518	50.430	ng		99
19) n-Nitroso-di-n-propyla...	7.257	70	167808	45.567	ng		95
20) 3+4-Methylphenols	7.251	107	241672	46.410	ng	#	85
22) Acetophenone	7.251	105	334330	41.482	ng		93
24) Nitrobenzene	7.428	77	281882	42.430	ng		99
25) Isophorone	7.663	82	509263	42.622	ng		98
26) 2-Nitrophenol	7.739	139	143346	44.978	ng		97
27) 2,4-Dimethylphenol	7.781	122	222063	44.018	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	292772	42.318	ng		99
29) 2,4-Dichlorophenol	7.980	162	215798	43.138	ng		96
30) 1,2,4-Trichlorobenzene	8.063	180	227430	44.061	ng		99
31) Naphthalene	8.139	128	756483	44.192	ng		99
32) Benzoic acid	7.922	122	160206	42.380	ng		92
33) 4-Chloroaniline	8.210	127	40662	5.553	ng		97
34) Hexachlorobutadiene	8.251	225	145328	44.633	ng		99
35) Caprolactam	8.575	113	72172m	43.817	ng		
36) 4-Chloro-3-methylphenol	8.686	107	229432	40.826	ng		96
37) 2-Methylnaphthalene	8.833	142	512465	42.334	ng		100
38) 1-Methylnaphthalene	8.933	142	482511	42.876	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	247103	53.116	ng		99
41) Hexachlorocyclopentadiene	8.980	237	152202	68.962	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	144375	45.589	ng		98

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44) 2,4,5-Trichlorophenol	9.163	196	170053	45.650	ng		97
46) 1,1'-Biphenyl	9.298	154	623044	49.464	ng		97
47) 2-Chloronaphthalene	9.327	162	476624	51.717	ng		99
48) 2-Nitroaniline	9.427	65	163443	48.662	ng		96
49) Acenaphthylene	9.739	152	672722	42.731	ng		100
50) Dimethylphthalate	9.604	163	564950	49.564	ng		99
51) 2,6-Dinitrotoluene	9.669	165	122498	49.897	ng		89
52) Acenaphthene	9.916	154	406322	44.479	ng		99
53) 3-Nitroaniline	9.839	138	56127	19.057	ng		96
54) 2,4-Dinitrophenol	9.957	184	98079	69.699	ng		97
55) Dibenzofuran	10.086	168	685463	48.013	ng		97
56) 4-Nitrophenol	10.016	139	171908	83.444	ng		92
57) 2,4-Dinitrotoluene	10.080	165	158641	48.930	ng	#	86
58) Fluorene	10.433	166	549448	49.468	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140571	47.839	ng		99
60) Diethylphthalate	10.304	149	539936	45.467	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	272238	50.860	ng		97
62) 4-Nitroaniline	10.463	138	108508	36.557	ng		99
63) Azobenzene	10.580	77	532703	47.422	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	75939	49.812	ng		89
66) n-Nitrosodiphenylamine	10.545	169	479258	53.643	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	164548	55.364	ng		95
68) Hexachlorobenzene	10.980	284	183621	58.187	ng		99
69) Atrazine	11.074	200	156009	63.129	ng		98
70) Pentachlorophenol	11.180	266	170587	90.409	ng		98
71) Phenanthrene	11.398	178	685716	48.712	ng		100
72) Anthracene	11.451	178	642040	43.850	ng		100
73) Carbazole	11.610	167	581312	43.376	ng		98
74) Di-n-butylphthalate	11.933	149	764832	47.991	ng		99
75) Fluoranthene	12.598	202	803318	52.786	ng		96
77) Benzidine	12.721	184	268327	55.317	ng		99
78) Pyrene	12.827	202	777768	40.996	ng		100
80) Butylbenzylphthalate	13.445	149	321715	45.214	ng		100
81) Benzo(a)anthracene	14.027	228	629961	44.558	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	128653	28.722	ng		98
83) Chrysene	14.062	228	585990	42.793	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	426691	52.188	ng		99
85) Di-n-octyl phthalate	14.627	149	578914	48.189	ng		97
87) Indeno(1,2,3-cd)pyrene	17.092	276	542787	35.562	ng		96
88) Benzo(b)fluoranthene	15.098	252	664594	51.384	ng		99
89) Benzo(k)fluoranthene	15.127	252	543287	41.256	ng		98
90) Benzo(a)pyrene	15.480	252	522840	41.804	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	450875	36.166	ng		97
92) Benzo(g,h,i)perylene	17.568	276	487531	37.922	ng		95

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

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