Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134133.D
Acq On : 07 Jul 2023 12:23
Operator : CG\JU
Sample : 03375-06MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 13:51:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106569	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	405597	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	183307	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	289152	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	187027	20.000	ng	0.00
86) Perylene-d12	15.545	264	223210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	726206	113.989	ng	0.00
7) Phenol-d6	6.492	99	877992	112.062	ng	0.00
23) Nitrobenzene-d5	7.410	82	597719	79.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	246969	107.457	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1008393	79.980	ng	0.00
79) Terphenyl-d14	12.980	244	782618	67.346	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	97720	37.200	ng	99
3) Pyridine	3.475	79	243652	35.609	ng	99
4) n-Nitrosodimethylamine	3.440	42	178782	45.749	ng	93
6) Aniline	6.534	93	366455	38.437	ng	99
8) 2-Chlorophenol	6.634	128	298457	46.150	ng	99
9) Benzaldehyde	6.398	77	207562	52.361	ng	97
10) Phenol	6.504	94	372636	45.235	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	279100	46.020	ng	97
12) 1,3-Dichlorobenzene	6.787	146	319000	46.267	ng	99
13) 1,4-Dichlorobenzene	6.863	146	323370	46.434	ng	99
14) 1,2-Dichlorobenzene	7.016	146	303593	46.548	ng	99
15) Benzyl Alcohol	6.992	79	275706	45.647	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	453860	42.301	ng	95
17) 2-Methylphenol	7.104	107	250740	43.297	ng	97
18) Hexachloroethane	7.351	117	123223	47.720	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	212577	42.784	ng	100
20) 3+4-Methylphenols	7.257	107	307170	43.721	ng	93
22) Acetophenone	7.257	105	418890	45.412	ng	98
24) Nitrobenzene	7.434	77	334495	43.993	ng	97
25) Isophorone	7.669	82	582285	42.581	ng	98
26) 2-Nitrophenol	7.745	139	166885	45.753	ng	98
27) 2,4-Dimethylphenol	7.781	122	267071	46.256	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	337195	42.585	ng	100
29) 2,4-Dichlorophenol	7.987	162	252576	44.116	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	266508	45.113	ng	97
31) Naphthalene	8.151	128	833220	42.529	ng	99
32) Benzoic acid	7.910	122	186302	43.061	ng	92
33) 4-Chloroaniline	8.204	127	221802	26.466	ng	98
34) Hexachlorobutadiene	8.263	225	166058	44.561	ng	97
35) Caprolactam	8.575	113	78476m	41.629	ng	
36) 4-Chloro-3-methylphenol	8.686	107	282212	43.878	ng	98
37) 2-Methylnaphthalene	8.839	142	558536	40.315	ng	98
38) 1-Methylnaphthalene	8.939	142	510763	39.657	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	267700	49.293	ng	99
41) Hexachlorocyclopentadiene	8.992	237	160983	62.482	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	174097	47.092	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	189141	43.494	ng		95
46) 1,1'-Biphenyl	9.310	154	670047	45.568	ng		97
47) 2-Chloronaphthalene	9.333	162	513479	47.728	ng		99
48) 2-Nitroaniline	9.433	65	181876	46.386	ng		97
49) Acenaphthylene	9.751	152	780159	42.450	ng		98
50) Dimethylphthalate	9.610	163	592580	44.534	ng		99
51) 2,6-Dinitrotoluene	9.675	165	133255	46.496	ng	#	87
52) Acenaphthene	9.922	154	457171	42.870	ng		98
53) 3-Nitroaniline	9.845	138	120459	35.035	ng	#	95
54) 2,4-Dinitrophenol	9.957	184	107584	65.725	ng		92
55) Dibenzofuran	10.098	168	702414	42.146	ng		99
56) 4-Nitrophenol	10.016	139	180564	75.079	ng	#	86
57) 2,4-Dinitrotoluene	10.086	165	164813	43.545	ng		98
58) Fluorene	10.445	166	539430	41.603	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	132858	38.732	ng	#	96
60) Diethylphthalate	10.316	149	578350	41.719	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	255624	40.909	ng		98
62) 4-Nitroaniline	10.469	138	107888	31.137	ng		89
63) Azobenzene	10.592	77	563253	42.953	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	71316	45.239	ng	#	59
66) n-Nitrosodiphenylamine	10.551	169	462052	50.014	ng		98
67) 4-Bromophenyl-phenylether	10.927	248	158171	51.465	ng		96
68) Hexachlorobenzene	10.992	284	169749	52.020	ng		96
69) Atrazine	11.086	200	130947	51.243	ng		90
70) Pentachlorophenol	11.192	266	163164	83.627	ng		97
71) Phenanthrene	11.410	178	655366	45.023	ng		99
72) Anthracene	11.463	178	679170	44.858	ng		99
73) Carbazole	11.622	167	593254	42.809	ng		98
74) Di-n-butylphthalate	11.951	149	721969	43.809	ng		99
75) Fluoranthene	12.604	202	644263	40.940	ng		99
77) Benzidine	12.733	184	33024	7.421	ng	#	72
78) Pyrene	12.839	202	651268	37.418	ng		99
80) Butylbenzylphthalate	13.457	149	262371	40.193	ng		98
81) Benzo(a)anthracene	14.033	228	559049	43.101	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	120293	29.273	ng	#	96
83) Chrysene	14.068	228	551093	43.867	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	325872	43.445	ng		97
85) Di-n-octyl phthalate	14.639	149	605842	54.969	ng		99
87) Indeno(1,2,3-cd)pyrene	17.092	276	630354	40.698	ng		98
88) Benzo(b)fluoranthene	15.104	252	591155	45.041	ng		99
89) Benzo(k)fluoranthene	15.133	252	604699	45.251	ng		98
90) Benzo(a)pyrene	15.480	252	536062	42.237	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	524570	41.465	ng		97
92) Benzo(g,h,i)perylene	17.562	276	499250	38.268	ng		98

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

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