Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
Data File : BF136053.D
Acq On : 31 Oct 2023 16:03
Operator : CG\JU
Sample : 04805-03MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 31 16:58:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-1(0-5)MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	119465	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	408731	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	174432	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	317080	20.000	ng	0.00
76) Chrysene-d12	14.021	240	285366	20.000	ng	0.00
86) Perylene-d12	15.515	264	267328	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	166402	21.888	ng	0.00
7) Phenol-d6	6.446	99	190295	20.090	ng	-0.01
23) Nitrobenzene-d5	7.381	82	100568	14.832	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	36361	19.530	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	177216	16.195	ng	0.00
79) Terphenyl-d14	12.957	244	217358	11.837	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	34586	10.447	ng	98
3) Pyridine	3.346	79	79752	8.826	ng	97
4) n-Nitrosodimethylamine	3.281	42	39780	10.529	ng	96
6) Aniline	6.487	93	47053	3.837	ng	98
8) 2-Chlorophenol	6.604	128	87794	10.802	ng	100
9) Benzaldehyde	6.375	77	40304	7.631	ng	98
10) Phenol	6.457	94	105113m	10.729	ng	
11) bis(2-Chloroethyl)ether	6.557	93	86094	11.225	ng	100
12) 1,3-Dichlorobenzene	6.763	146	96238	11.376	ng	99
13) 1,4-Dichlorobenzene	6.840	146	98195	11.583	ng	98
14) 1,2-Dichlorobenzene	6.993	146	91208	11.506	ng	99
15) Benzyl Alcohol	6.957	79	69702	10.378	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	115994	10.987	ng	100
17) 2-Methylphenol	7.069	107	67180	9.743	ng	98
18) Hexachloroethane	7.334	117	30514	10.241	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	56943	10.521	ng	97
20) 3+4-Methylphenols	7.222	107	85354	10.152	ng	97
22) Acetophenone	7.228	105	120393	13.284	ng	97
24) Nitrobenzene	7.398	77	78745	11.482	ng	99
25) Isophorone	7.634	82	144740	11.307	ng	98
26) 2-Nitrophenol	7.716	139	36157	11.555	ng	96
27) 2,4-Dimethylphenol	7.751	122	61316	10.370	ng	100
28) bis(2-Chloroethoxy)met...	7.851	93	93702	11.947	ng	99
29) 2,4-Dichlorophenol	7.957	162	60003	10.764	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	70946	11.667	ng	98
31) Naphthalene	8.128	128	457266	23.200	ng	100
32) Benzoic acid	7.810	122	35999m	11.904	ng	
33) 4-Chloroaniline	8.169	127	43533	5.043	ng	98
34) Hexachlorobutadiene	8.245	225	42676	12.237	ng	95
35) Caprolactam	8.504	113	18281m	10.086	ng	
36) 4-Chloro-3-methylphenol	8.645	107	57996	9.910	ng	95
37) 2-Methylnaphthalene	8.816	142	231396	17.509	ng	98
38) 1-Methylnaphthalene	8.916	142	198982	16.179	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	62319	12.527	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	36261	11.179	ng	99
44) 2,4,5-Trichlorophenol	9.128	196	36334	9.670	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.281	154	177358	13.338	ng		99
47) 2-Chloronaphthalene	9.304	162	122938	12.541	ng		98
48) 2-Nitroaniline	9.398	65	31440	10.837	ng		99
49) Acenaphthylene	9.722	152	344666	22.538	ng		99
50) Dimethylphthalate	9.581	163	136644	11.876	ng		99
51) 2,6-Dinitrotoluene	9.639	165	27126	11.023	ng		91
52) Acenaphthene	9.892	154	229969m	23.656	ng		
53) 3-Nitroaniline	9.810	138	24692	8.599	ng		98
54) 2,4-Dinitrophenol	9.916	184	1933	9.282	ng	#	65
55) Dibenzofuran	10.069	168	290362	20.483	ng		99
56) 4-Nitrophenol	9.963	139	44872	20.892	ng		89
57) 2,4-Dinitrotoluene	10.045	165	32267	10.363	ng	#	94
58) Fluorene	10.410	166	356581	33.597	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	28947	9.691	ng	#	78
60) Diethylphthalate	10.286	149	124947	11.366	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	60484	11.416	ng		96
62) 4-Nitroaniline	10.416	138	28767	10.404	ng		92
63) Azobenzene	10.563	77	110887	10.474	ng		88
65) 4,6-Dinitro-2-methylph...	10.451	198	2099	6.850	ng	#	40
66) n-Nitrosodiphenylamine	10.522	169	114216	11.941	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	36015	10.834	ng		92
68) Hexachlorobenzene	10.957	284	39612	11.157	ng	#	89
69) Atrazine	11.057	200	36486	14.020	ng		98
70) Pentachlorophenol	11.157	266	40283	17.667	ng		96
71) Phenanthrene	11.386	178	1588472	99.497	ng		99
72) Anthracene	11.433	178	715089	43.711	ng		100
73) Carbazole	11.586	167	235654	16.577	ng		99
74) Di-n-butylphthalate	11.928	149	199858	12.303	ng		98
75) Fluoranthene	12.586	202	2555190	155.794	ng		99
77) Benzidine	12.704	184	21661	3.894	ng	#	86
78) Pyrene	12.816	202	2399004	95.353	ng		99
80) Butylbenzylphthalate	13.439	149	94968	10.545	ng		99
81) Benzo(a)anthracene	14.016	228	1502758	79.544	ng		97
82) 3,3'-Dichlorobenzidine	13.974	252	61289	10.164	ng	#	97
83) Chrysene	14.051	228	1327358	71.343	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	124398	11.856	ng		100
85) Di-n-octyl phthalate	14.633	149	242017	15.397	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	681168	38.987	ng		97
88) Benzo(b)fluoranthene	15.086	252	1653349m	104.521	ng		
89) Benzo(k)fluoranthene	15.110	252	736712m	47.070	ng		
90) Benzo(a)pyrene	15.463	252	1216086	82.740	ng		97
91) Dibenzo(a,h)anthracene	17.057	278	253017	17.679	ng		95
92) Benzo(g,h,i)perylene	17.504	276	589997	36.921	ng		99

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

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