Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
Data File : BF136052.D
Acq On : 31 Oct 2023 15:32
Operator : CG\JU
Sample : 04805-02MS 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 31 16:10:23 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)MS

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	129260	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	456771	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	186990	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	309314	20.000	ng	0.00
76) Chrysene-d12	14.021	240	291929	20.000	ng	0.00
86) Perylene-d12	15.515	264	300530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	156729	19.053	ng	0.00
7) Phenol-d6	6.445	99	183358	17.891	ng	-0.01
23) Nitrobenzene-d5	7.381	82	96993	12.801	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	32308	16.187	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	176801	15.072	ng	0.00
79) Terphenyl-d14	12.951	244	185350	9.867	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	32537	9.084	ng	97
3) Pyridine	3.346	79	72285	7.394	ng	99
4) n-Nitrosodimethylamine	3.281	42	37580	9.193	ng	89
6) Aniline	6.487	93	44362	3.343	ng	98
8) 2-Chlorophenol	6.604	128	85216	9.690	ng	98
9) Benzaldehyde	6.375	77	40471	7.082	ng	99
10) Phenol	6.457	94	99005m	9.340	ng	
11) bis(2-Chloroethyl)ether	6.557	93	82098	9.893	ng	99
12) 1,3-Dichlorobenzene	6.763	146	92058	10.058	ng	99
13) 1,4-Dichlorobenzene	6.840	146	97416	10.620	ng	96
14) 1,2-Dichlorobenzene	6.992	146	88800	10.353	ng	98
15) Benzyl Alcohol	6.957	79	66262	9.118	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	111298	9.744	ng	99
17) 2-Methylphenol	7.069	107	64686	8.671	ng	99
18) Hexachloroethane	7.334	117	29581	9.175	ng	92
19) n-Nitroso-di-n-propyla...	7.228	70	55878	9.542	ng	98
20) 3+4-Methylphenols	7.222	107	82010	9.015	ng	98
22) Acetophenone	7.228	105	117875	11.638	ng	98
24) Nitrobenzene	7.398	77	78584	10.253	ng	96
25) Isophorone	7.634	82	142978	9.995	ng	95
26) 2-Nitrophenol	7.716	139	34515	9.870	ng	96
27) 2,4-Dimethylphenol	7.751	122	59003	8.929	ng	96
28) bis(2-Chloroethoxy)met...	7.851	93	93197	10.633	ng	100
29) 2,4-Dichlorophenol	7.957	162	57359	9.208	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	69705	10.257	ng	98
31) Naphthalene	8.122	128	450163	20.437	ng	99
32) Benzoic acid	7.810	122	33984m	10.850	ng	
33) 4-Chloroaniline	8.169	127	42113	4.366	ng	97
34) Hexachlorobutadiene	8.245	225	41860	10.741	ng	98
35) Caprolactam	8.504	113	17715m	8.746	ng	
36) 4-Chloro-3-methylphenol	8.645	107	55811	8.534	ng	96
37) 2-Methylnaphthalene	8.816	142	224557	15.205	ng	100
38) 1-Methylnaphthalene	8.916	142	197614	14.378	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	61436	11.520	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	36025	10.361	ng	99
44) 2,4,5-Trichlorophenol	9.128	196	34598	8.590	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.281	154	174079	12.212	ng		98
47) 2-Chloronaphthalene	9.304	162	119045	11.329	ng		97
48) 2-Nitroaniline	9.398	65	29646	9.533	ng		98
49) Acenaphthylene	9.722	152	317768	19.384	ng		99
50) Dimethylphthalate	9.581	163	132322	10.728	ng		99
51) 2,6-Dinitrotoluene	9.639	165	24891	9.436	ng	#	90
52) Acenaphthene	9.892	154	219941m	21.105	ng		
53) 3-Nitroaniline	9.804	138	21577	7.010	ng		90
54) 2,4-Dinitrophenol	9.916	184	2353	9.459	ng	#	88
55) Dibenzofuran	10.069	168	277115	18.236	ng		97
56) 4-Nitrophenol	9.963	139	41407	17.984	ng		99
57) 2,4-Dinitrotoluene	10.045	165	30491	9.135	ng	#	91
58) Fluorene	10.410	166	331021	29.094	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	26970	8.422	ng	#	78
60) Diethylphthalate	10.286	149	116025	9.845	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	54934	9.672	ng		96
62) 4-Nitroaniline	10.416	138	24626	8.308	ng		89
63) Azobenzene	10.563	77	105444	9.291	ng		88
65) 4,6-Dinitro-2-methylph...	10.451	198	2537m	7.103	ng		
66) n-Nitrosodiphenylamine	10.522	169	102888	11.027	ng		96
67) 4-Bromophenyl-phenylether	10.898	248	33030	10.185	ng		94
68) Hexachlorobenzene	10.957	284	34726	10.026	ng	#	89
69) Atrazine	11.051	200	33754	13.296	ng		96
70) Pentachlorophenol	11.157	266	36904	16.591	ng		97
71) Phenanthrene	11.380	178	1417517	91.018	ng		100
72) Anthracene	11.433	178	626266	39.243	ng		99
73) Carbazole	11.586	167	202645	14.613	ng		98
74) Di-n-butylphthalate	11.927	149	168827	10.654	ng		99
75) Fluoranthene	12.586	202	2236639	139.796	ng		98
77) Benzidine	12.704	184	16929	2.975	ng	#	85
78) Pyrene	12.816	202	2102830	81.702	ng		100
80) Butylbenzylphthalate	13.439	149	80009	8.684	ng		99
81) Benzo(a)anthracene	14.010	228	1387756	71.806	ng		95
82) 3,3'-Dichlorobenzidine	13.974	252	56409	9.145	ng		98
83) Chrysene	14.045	228	1153071	60.582	ng		96
84) Bis(2-ethylhexyl)phtha...	14.010	149	110529	10.298	ng		98
85) Di-n-octyl phthalate	14.627	149	210430	13.087	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.039	276	655676	33.382	ng		96
88) Benzo(b)fluoranthene	15.080	252	1645713	92.545	ng	#	97
89) Benzo(k)fluoranthene	15.110	252	663683m	37.720	ng		
90) Benzo(a)pyrene	15.457	252	1209527	73.203	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	245802	15.278	ng		97
92) Benzo(g,h,i)perylene	17.498	276	561341	31.692	ng		99

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

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