Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136870.D
Acq On : 02 Jan 2024 14:32
Operator : CG\JU
Sample : 06015-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 02 14:50:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	59637	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	224131	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	113877	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	209369	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	116077	20.000	ng	0.00
86) Perylene-d12	15.439	264	125293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	468991	122.702	ng	0.00
7) Phenol-d6	6.434	99	549306	110.912	ng	0.00
23) Nitrobenzene-d5	7.345	82	391483	89.379	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	187753	139.993	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	780831	92.223	ng	-0.01
79) Terphenyl-d14	12.904	244	795657	95.790	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	56478	35.464	ng	# 80
3) Pyridine	3.405	79	101601	26.148	ng	96
4) n-Nitrosodimethylamine	3.334	42	77661	37.427	ng	96
6) Aniline	6.451	93	128123	25.875	ng	# 48
8) 2-Chlorophenol	6.575	128	178771	42.740	ng	95
9) Benzaldehyde	6.340	77	14681	5.211	ng	95
10) Phenol	6.446	94	196490	37.165	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	168074	41.802	ng	98
12) 1,3-Dichlorobenzene	6.722	146	169043	37.047	ng	98
13) 1,4-Dichlorobenzene	6.798	146	174228	37.370	ng	99
14) 1,2-Dichlorobenzene	6.951	146	166778	38.443	ng	98
15) Benzyl Alcohol	6.928	79	150442	45.026	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	263102	40.025	ng	88
17) 2-Methylphenol	7.045	107	141938	40.962	ng	97
18) Hexachloroethane	7.287	117	59758	35.293	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	127160	42.355	ng	94
20) 3+4-Methylphenols	7.198	107	180910	41.790	ng	# 72
22) Acetophenone	7.192	105	256637	45.683	ng	# 91
24) Nitrobenzene	7.363	77	182541	41.603	ng	99
25) Isophorone	7.604	82	349919	43.905	ng	99
26) 2-Nitrophenol	7.681	139	93219	44.406	ng	99
27) 2,4-Dimethylphenol	7.722	122	144068	56.371	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	217494	44.895	ng	100
29) 2,4-Dichlorophenol	7.922	162	153805	46.746	ng	97
30) 1,2,4-Trichlorobenzene	7.998	180	150322	41.005	ng	97
31) Naphthalene	8.081	128	519852	42.219	ng	99
32) Benzoic acid	7.857	122	110561	44.710	ng	97
33) 4-Chloroaniline	8.134	127	38392	8.445	ng	96
34) Hexachlorobutadiene	8.192	225	87348	39.217	ng	99
35) Caprolactam	8.504	113	44981m	41.440	ng	
36) 4-Chloro-3-methylphenol	8.628	107	169516	45.764	ng	98
37) 2-Methylnaphthalene	8.769	142	342581	43.231	ng	100
38) 1-Methylnaphthalene	8.869	142	332588	42.779	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	170344	48.301	ng	99
41) Hexachlorocyclopentadiene	8.922	237	120888	105.822	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	112966	49.946	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	119538	47.428	ng		96
46) 1,1'-Biphenyl	9.239	154	461248	48.268	ng		99
47) 2-Chloronaphthalene	9.263	162	330681	45.519	ng		99
48) 2-Nitroaniline	9.369	65	105495	46.373	ng		87
49) Acenaphthylene	9.681	152	563943	50.788	ng		99
50) Dimethylphthalate	9.545	163	401026	48.213	ng		99
51) 2,6-Dinitrotoluene	9.610	165	88386	46.821	ng		97
52) Acenaphthene	9.851	154	315821	45.884	ng		99
53) 3-Nitroaniline	9.781	138	56797	28.403	ng		86
54) 2,4-Dinitrophenol	9.892	184	97406	92.490	ng	#	88
55) Dibenzofuran	10.022	168	490136	46.976	ng		100
56) 4-Nitrophenol	9.957	139	108867	80.646	ng		96
57) 2,4-Dinitrotoluene	10.016	165	111377	45.448	ng		99
58) Fluorene	10.369	166	398409	48.124	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	99651	51.363	ng		98
60) Diethylphthalate	10.245	149	403532	46.758	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	188167	46.760	ng		99
62) 4-Nitroaniline	10.398	138	81935m	42.503	ng		
63) Azobenzene	10.522	77	369286	45.813	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	57898	48.253	ng		89
66) n-Nitrosodiphenylamine	10.481	169	349634	51.407	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	114903	49.416	ng		97
68) Hexachlorobenzene	10.916	284	128012	49.402	ng		100
69) Atrazine	11.016	200	98908	56.858	ng		98
70) Pentachlorophenol	11.116	266	121672	100.738	ng		99
71) Phenanthrene	11.333	178	544148	50.652	ng		99
72) Anthracene	11.386	178	552634	50.795	ng		99
73) Carbazole	11.545	167	500819	48.825	ng		100
74) Di-n-butylphthalate	11.875	149	618615	49.423	ng		99
75) Fluoranthene	12.527	202	538850	46.893	ng		98
77) Benzidine	12.657	184	60617	17.711	ng		97
78) Pyrene	12.757	202	544884	47.818	ng		100
80) Butylbenzylphthalate	13.380	149	204042	49.211	ng		99
81) Benzo(a)anthracene	13.951	228	396072	49.139	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	103830	45.360	ng	#	99
83) Chrysene	13.992	228	376259	47.736	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	279044	53.490	ng		100
85) Di-n-octyl phthalate	14.557	149	435997	54.030	ng		97
87) Indeno(1,2,3-cd)pyrene	16.951	276	485201	53.635	ng		100
88) Benzo(b)fluoranthene	15.010	252	368754	44.065	ng		99
89) Benzo(k)fluoranthene	15.039	252	347544	43.952	ng		99
90) Benzo(a)pyrene	15.380	252	331915	46.988	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	396862	53.474	ng		98
92) Benzo(g,h,i)perylene	17.404	276	399002	52.491	ng		99

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

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