Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
Data File : BF131532.D
Acq On : 06 Dec 2022 17:49
Operator : CG\JU
Sample : N5844-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-17MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

Quant Time: Dec 07 03:22:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 01:30:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	98904	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	357851	20.000	ng	#	0.00
39) Acenaphthene-d10	9.980	164	202847	20.000	ng		0.00
64) Phenanthrene-d10	11.474	188	394105	20.000	ng		0.00
76) Chrysene-d12	14.127	240	220326	20.000	ng		0.00
86) Perylene-d12	15.645	264	194367	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	726040	125.359	ng		0.04
7) Phenol-d6	6.557	99	799692	110.571	ng		0.01
23) Nitrobenzene-d5	7.498	82	579699	74.349	ng		0.00
42) 2,4,6-Tribromophenol	10.774	330	420533	182.074	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	1401458	90.635	ng		0.00
79) Terphenyl-d14	13.068	244	1693289	116.062	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.998	88	88566m	35.722	ng		
3) Pyridine	3.669	79	207150	29.932	ng		94
4) n-Nitrosodimethylamine	3.622	42	120658	34.020	ng		92
6) Aniline	6.586	93	71364m	7.993	ng		
8) 2-Chlorophenol	6.710	128	295453	47.770	ng		87
9) Benzaldehyde	6.475	77	91237	19.764	ng		90
10) Phenol	6.569	94	288971m	35.320	ng		
11) bis(2-Chloroethyl)ether	6.663	93	259776	42.990	ng		93
12) 1,3-Dichlorobenzene	6.863	146	329367	45.625	ng		94
13) 1,4-Dichlorobenzene	6.939	146	336195	45.568	ng		97
14) 1,2-Dichlorobenzene	7.092	146	326944	47.560	ng		99
15) Benzyl Alcohol	7.069	79	205537	33.977	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.198	45	234309	39.557	ng		90
17) 2-Methylphenol	7.181	107	251664	48.714	ng		94
18) Hexachloroethane	7.439	117	120927	44.117	ng		93
19) n-Nitroso-di-n-propyla...	7.345	70	189011	38.615	ng	#	93
20) 3+4-Methylphenols	7.333	107	291517	41.727	ng	#	86
22) Acetophenone	7.339	105	437846	45.090	ng	#	97
24) Nitrobenzene	7.516	77	297367	37.800	ng	#	82
25) Isophorone	7.751	82	528747	43.596	ng	#	93
26) 2-Nitrophenol	7.828	139	158683	55.091	ng		90
27) 2,4-Dimethylphenol	7.863	122	255952	54.122	ng		96
28) bis(2-Chloroethoxy)met...	7.963	93	322362	47.944	ng		98
29) 2,4-Dichlorophenol	8.069	162	276212	50.425	ng		96
30) 1,2,4-Trichlorobenzene	8.151	180	321892	47.029	ng		100
31) Naphthalene	8.233	128	863514	43.648	ng		99
32) Benzoic acid	7.963	122	76491	26.821	ng		90
33) 4-Chloroaniline	8.286	127	18904	2.551	ng		92
34) Hexachlorobutadiene	8.345	225	226440	46.320	ng		99
35) Caprolactam	8.663	113	58851m	38.273	ng		
36) 4-Chloro-3-methylphenol	8.769	107	265718	45.379	ng		97
37) 2-Methylnaphthalene	8.927	142	613804	46.365	ng		99
38) 1-Methylnaphthalene	9.027	142	577640	45.408	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	364496	48.643	ng		99
41) Hexachlorocyclopentadiene	9.080	237	429212	127.156	ng		98
43) 2,4,6-Trichlorophenol	9.210	196	222436	49.097	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	242326	50.154	ng		97
46)	1,1'-Biphenyl	9.398	154	789776	49.376	ng		98
47)	2-Chloronaphthalene	9.422	162	609410	46.642	ng		99
48)	2-Nitroaniline	9.522	65	143375	37.978	ng		93
49)	Acenaphthylene	9.839	152	915996	46.933	ng		100
50)	Dimethylphthalate	9.704	163	725568	49.489	ng		99
51)	2,6-Dinitrotoluene	9.763	165	154964	49.466	ng		90
52)	Acenaphthene	10.016	154	609541	48.137	ng		99
53)	3-Nitroaniline	9.927	138	37107	11.316	ng		85
54)	2,4-Dinitrophenol	10.039	184	85837	54.609	ng	#	83
55)	Dibenzofuran	10.186	168	874746	47.321	ng		100
56)	4-Nitrophenol	10.098	139	197449	86.289	ng	#	87
57)	2,4-Dinitrotoluene	10.169	165	219015	53.283	ng	#	79
58)	Fluorene	10.533	166	707594	46.387	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.304	232	209684	51.161	ng		94
60)	Diethylphthalate	10.404	149	698418	48.316	ng		98
61)	4-Chlorophenyl-phenyle...	10.522	204	392248	49.709	ng		99
62)	4-Nitroaniline	10.557	138	132795	40.618	ng		89
63)	Azobenzene	10.680	77	543798	38.150	ng		93
65)	4,6-Dinitro-2-methylph...	10.574	198	84455	39.055	ng		98
66)	n-Nitrosodiphenylamine	10.645	169	590450	47.737	ng		99
67)	4-Bromophenyl-phenylether	11.016	248	258033	52.331	ng		99
68)	Hexachlorobenzene	11.074	284	294176	53.833	ng		95
69)	Atrazine	11.174	200	213994	58.510	ng		99
70)	Pentachlorophenol	11.274	266	285194	97.470	ng		97
71)	Phenanthrene	11.498	178	1005677	45.923	ng		100
72)	Anthracene	11.551	178	1009386	46.882	ng		99
73)	Carbazole	11.710	167	863029	47.616	ng		99
74)	Di-n-butylphthalate	12.033	149	1038561	51.323	ng		99
75)	Fluoranthene	12.692	202	1067448	44.290	ng		99
77)	Benzidine	12.815	184	71396	19.690	ng		98
78)	Pyrene	12.927	202	1047471	53.080	ng		100
80)	Butylbenzylphthalate	13.539	149	341541	64.163	ng		88
81)	Benzo(a)anthracene	14.115	228	736156	48.926	ng		99
82)	3,3'-Dichlorobenzidine	14.080	252	40260	9.881	ng	#	97
83)	Chrysene	14.157	228	684543	47.325	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.098	149	399758	67.202	ng		100
85)	Di-n-octyl phthalate	14.721	149	500409	56.811	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	17.203	276	747828	49.320	ng		98
88)	Benzo(b)fluoranthene	15.198	252	586964	46.489	ng		98
89)	Benzo(k)fluoranthene	15.227	252	582566	42.506	ng		99
90)	Benzo(a)pyrene	15.580	252	514890	49.142	ng		98
91)	Dibenzo(a,h)anthracene	17.221	278	641572	51.742	ng		98
92)	Benzo(g,h,i)perylene	17.674	276	629901	55.496	ng		97

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

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