Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
Data File : BF132393.D
Acq On : 10 Feb 2023 18:16
Operator : CG\JU
Sample : 01489-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 23:47:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.043	152	191992	20.000	ng		0.00
21) Naphthalene-d8	8.331	136	720595	20.000	ng	#	0.00
39) Acenaphthene-d10	10.095	164	364140	20.000	ng		0.00
64) Phenanthrene-d10	11.589	188	677689	20.000	ng		0.00
76) Chrysene-d12	14.248	240	416645	20.000	ng		0.00
86) Perylene-d12	15.813	264	289735	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	1381531	115.665	ng		0.03
7) Phenol-d6	6.672	99	1603181	108.870	ng		0.00
23) Nitrobenzene-d5	7.607	82	1068199	82.491	ng		0.00
42) 2,4,6-Tribromophenol	10.889	330	584773	156.161	ng		0.00
45) 2-Fluorobiphenyl	9.407	172	1985590	84.205	ng		0.00
79) Terphenyl-d14	13.183	244	2373324	110.189	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	170999m	30.426	ng		
3) Pyridine	3.872	79	322979	21.183	ng		96
4) n-Nitrosodimethylamine	3.819	42	159255	32.643	ng		94
6) Aniline	6.748	93	130199m	6.516	ng		
8) 2-Chlorophenol	6.831	128	602386	48.694	ng		93
9) Benzaldehyde	6.596	77	253529	27.890	ng		94
10) Phenol	6.684	94	576269	37.809	ng		96
11) bis(2-Chloroethyl)ether	6.772	93	602436m	48.026	ng		
12) 1,3-Dichlorobenzene	6.984	146	605378	46.269	ng		98
13) 1,4-Dichlorobenzene	7.060	146	609092	46.637	ng		99
14) 1,2-Dichlorobenzene	7.213	146	591185	48.537	ng		97
15) Benzyl Alcohol	7.184	79	410887	38.240	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.313	45	472150	35.726	ng		91
17) 2-Methylphenol	7.290	107	455447	42.059	ng		99
18) Hexachloroethane	7.554	117	227236	46.380	ng		98
19) n-Nitroso-di-n-propyla...	7.454	70	320163	38.277	ng		96
20) 3+4-Methylphenols	7.443	107	542073	39.220	ng	#	82
22) Acetophenone	7.448	105	745963	44.019	ng	#	98
24) Nitrobenzene	7.631	77	537020	40.593	ng	#	88
25) Isophorone	7.866	82	1005759	40.921	ng		94
26) 2-Nitrophenol	7.943	139	327140	50.768	ng	#	89
27) 2,4-Dimethylphenol	7.972	122	530491	47.034	ng		99
28) bis(2-Chloroethoxy)met...	8.066	93	642653	42.549	ng		99
29) 2,4-Dichlorophenol	8.184	162	484337	48.367	ng		97
30) 1,2,4-Trichlorobenzene	8.266	180	533392	49.741	ng		98
31) Naphthalene	8.354	128	1584449	44.670	ng		100
32) Benzoic acid	8.101	122	401514	48.092	ng		91
33) 4-Chloroaniline	8.448	127	29820m	1.896	ng		
34) Hexachlorobutadiene	8.460	225	316744	52.542	ng		100
35) Caprolactam	8.778	113	144134m	42.221	ng		
36) 4-Chloro-3-methylphenol	8.878	107	505768	46.882	ng		95
37) 2-Methylnaphthalene	9.042	142	1077076	44.830	ng		99
38) 1-Methylnaphthalene	9.142	142	1002019	44.878	ng		99
40) 1,2,4,5-Tetrachloroben...	9.207	216	511640	49.929	ng		99
41) Hexachlorocyclopentadiene	9.195	237	718034	120.101	ng		99
43) 2,4,6-Trichlorophenol	9.319	196	360137	49.165	ng		98

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44)	2,4,5-Trichlorophenol	9.366	196	384465	45.601	ng		98
46)	1,1'-Biphenyl	9.507	154	1291048	45.989	ng		97
47)	2-Chloronaphthalene	9.537	162	1025797	47.975	ng		98
48)	2-Nitroaniline	9.631	65	245569	38.617	ng	#	82
49)	Acenaphthylene	9.954	152	1588824	45.530	ng		100
50)	Dimethylphthalate	9.807	163	1297333	50.932	ng		98
51)	2,6-Dinitrotoluene	9.872	165	281922	49.557	ng		88
52)	Acenaphthene	10.131	154	1156729	52.946	ng		100
53)	3-Nitroaniline	10.042	138	53089	7.695	ng		91
54)	2,4-Dinitrophenol	10.154	184	353701	105.785	ng	#	87
55)	Dibenzofuran	10.301	168	1384982	45.119	ng		99
56)	4-Nitrophenol	10.201	139	421995	81.287	ng		93
57)	2,4-Dinitrotoluene	10.284	165	372602	50.421	ng	#	79
58)	Fluorene	10.648	166	902202	38.190	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.413	232	298779	48.610	ng		97
60)	Diethylphthalate	10.513	149	1127296	44.488	ng		98
61)	4-Chlorophenyl-phenyle...	10.631	204	480335	42.843	ng		96
62)	4-Nitroaniline	10.666	138	163387	24.697	ng		93
63)	Azobenzene	10.795	77	828889	33.582	ng		92
65)	4,6-Dinitro-2-methylph...	10.689	198	186356	48.451	ng		93
66)	n-Nitrosodiphenylamine	10.754	169	632020	29.783	ng		99
67)	4-Bromophenyl-phenylether	11.125	248	276435	39.835	ng		95
68)	Hexachlorobenzene	11.195	284	353873	47.710	ng		93
69)	Atrazine	11.272	200	126499	20.725	ng		97
70)	Pentachlorophenol	11.389	266	442841	86.895	ng		100
71)	Phenanthrene	11.619	178	1621997	45.802	ng		100
72)	Anthracene	11.672	178	1647909	45.725	ng		99
73)	Carbazole	11.819	167	1075625	33.286	ng		100
74)	Di-n-butylphthalate	12.142	149	1829991	47.901	ng		100
75)	Fluoranthene	12.813	202	1633049	45.189	ng		97
77)	Benzidine	12.942	184	15040m	1.033	ng		
78)	Pyrene	13.048	202	1684166	50.257	ng		99
80)	Butylbenzylphthalate	13.654	149	761118	51.407	ng		92
81)	Benzo(a)anthracene	14.236	228	1393165	47.808	ng		99
82)	3,3'-Dichlorobenzidine	14.195	252	36752	3.960	ng	#	97
83)	Chrysene	14.277	228	1287058	47.168	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.207	149	1041803	52.058	ng	#	99
85)	Di-n-octyl phthalate	14.836	149	1590069	48.713	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	17.442	276	1163052	60.413	ng		95
88)	Benzo(b)fluoranthene	15.342	252	1136393	61.704	ng		98
89)	Benzo(k)fluoranthene	15.377	252	1090183	62.015	ng		99
90)	Benzo(a)pyrene	15.748	252	912773	53.224	ng		98
91)	Dibenzo(a,h)anthracene	17.460	278	964668	62.324	ng		98
92)	Benzo(g,h,i)perylene	17.942	276	947358	59.245	ng	#	94

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

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