Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132028.D
Acq On : 11 Jan 2023 17:56
Operator : CG\JU
Sample : 01072-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 00:36:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	79988	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	296082	20.000	ng		-0.01
39) Acenaphthene-d10	9.833	164	173588	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	313335	20.000	ng		0.00
76) Chrysene-d12	13.980	240	139174	20.000	ng		0.00
86) Perylene-d12	15.439	264	145219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	283905	58.485	ng		0.01
7) Phenol-d6	6.434	99	649135	100.857	ng		0.00
23) Nitrobenzene-d5	7.357	82	499187	69.974	ng		-0.01
42) 2,4,6-Tribromophenol	10.627	330	8997	4.508	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	914837	71.145	ng		-0.01
79) Terphenyl-d14	12.916	244	903211	93.016	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	86926	41.001	ng		99
3) Pyridine	3.281	79	237536	39.921	ng		98
4) n-Nitrosodimethylamine	3.257	42	123836	44.283	ng		94
6) Aniline	6.445	93	182787	21.585	ng	#	1
8) 2-Chlorophenol	6.569	128	228469	46.910	ng		98
9) Benzaldehyde	6.328	77	141829	33.118	ng		97
10) Phenol	6.445	94	319010	44.431	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	239875	44.319	ng		99
12) 1,3-Dichlorobenzene	6.716	146	251742	46.406	ng		97
13) 1,4-Dichlorobenzene	6.798	146	254855	46.432	ng		98
14) 1,2-Dichlorobenzene	6.951	146	241825	46.389	ng		99
15) Benzyl Alcohol	6.934	79	252620	45.072	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	302255	44.251	ng	#	14
17) 2-Methylphenol	7.051	107	207062	42.961	ng		92
18) Hexachloroethane	7.287	117	105819	46.618	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	201261	43.228	ng		98
20) 3+4-Methylphenols	7.210	107	270332	43.688	ng	#	70
22) Acetophenone	7.198	105	381303	44.232	ng		93
24) Nitrobenzene	7.375	77	304165	41.881	ng		98
25) Isophorone	7.616	82	556588	41.763	ng		99
26) 2-Nitrophenol	7.692	139	128000	44.792	ng		96
27) 2,4-Dimethylphenol	7.734	122	211751	44.393	ng		96
28) bis(2-Chloroethoxy)met...	7.828	93	313016	42.437	ng		99
29) 2,4-Dichlorophenol	7.939	162	214393	43.882	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	247650	44.259	ng		99
31) Naphthalene	8.092	128	677137	43.275	ng		99
32) Benzoic acid	7.881	122	85887m	31.058	ng		
33) 4-Chloroaniline	8.151	127	56816	8.799	ng		93
34) Hexachlorobutadiene	8.204	225	168141	43.342	ng		98
35) Caprolactam	8.545	113	58720m	40.922	ng		
36) 4-Chloro-3-methylphenol	8.651	107	246308	42.954	ng		100
37) 2-Methylnaphthalene	8.786	142	464434	41.327	ng		98
38) 1-Methylnaphthalene	8.886	142	425527	40.870	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	268990	43.975	ng		98
41) Hexachlorocyclopentadiene	8.933	237	190155	64.300	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	157541	42.788	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	165906	38.705	ng	97
46)	1,1'-Biphenyl	9.257	154	595780	44.467	ng	99
47)	2-Chloronaphthalene	9.281	162	465919	44.805	ng	100
48)	2-Nitroaniline	9.386	65	154966	41.029	ng	99
49)	Acenaphthylene	9.698	152	689506	42.728	ng	99
50)	Dimethylphthalate	9.563	163	566558	41.871	ng	99
51)	2,6-Dinitrotoluene	9.633	165	121137	42.566	ng	98
52)	Acenaphthene	9.869	154	408689	42.192	ng	99
53)	3-Nitroaniline	9.798	138	45775	16.579	ng	93
54)	2,4-Dinitrophenol	9.916	184	87257	61.066	ng	98
55)	Dibenzofuran	10.045	168	636814	41.707	ng	99
56)	4-Nitrophenol	9.986	139	108137	69.533	ng	98
57)	2,4-Dinitrotoluene	10.039	165	156320	41.084	ng	94
58)	Fluorene	10.386	166	508928	41.725	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.169	232	134150	42.002	ng	94
60)	Diethylphthalate	10.263	149	547738	41.167	ng	100
61)	4-Chlorophenyl-phenyle...	10.375	204	283350	40.581	ng	93
62)	4-Nitroaniline	10.422	138	90750	36.553	ng	87
63)	Azobenzene	10.539	77	645745	45.752	ng	99
65)	4,6-Dinitro-2-methylph...	10.451	198	72886	36.071	ng	98
66)	n-Nitrosodiphenylamine	10.504	169	430713	43.815	ng	100
67)	4-Bromophenyl-phenylether	10.869	248	170419	43.477	ng	98
68)	Hexachlorobenzene	10.933	284	181546	45.785	ng	96
69)	Atrazine	11.033	200	161478	45.171	ng	99
70)	Pentachlorophenol	11.139	266	115025	55.792	ng	98
71)	Phenanthrene	11.351	178	709257	43.421	ng	99
72)	Anthracene	11.404	178	714185	42.472	ng	99
73)	Carbazole	11.563	167	570295	40.965	ng	99
74)	Di-n-butylphthalate	11.892	149	808825	41.726	ng	99
75)	Fluoranthene	12.545	202	690752	37.602	ng	99
77)	Benzidine	12.669	184	157820	34.133	ng	96
78)	Pyrene	12.774	202	668716	52.682	ng	100
80)	Butylbenzylphthalate	13.392	149	240452	46.930	ng	100
81)	Benzo(a)anthracene	13.968	228	435861	43.047	ng	99
82)	3,3'-Dichlorobenzidine	13.933	252	61512	19.465	ng	98
83)	Chrysene	14.004	228	403383	42.628	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.951	149	315815	45.497	ng	100
85)	Di-n-octyl phthalate	14.568	149	478011	50.324	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.909	276	467586	52.501	ng	100
88)	Benzo(b)fluoranthene	15.015	252	424660	42.635	ng	99
89)	Benzo(k)fluoranthene	15.045	252	376883	37.914	ng	99
90)	Benzo(a)pyrene	15.380	252	362022	40.341	ng	99
91)	Dibenzo(a,h)anthracene	16.921	278	395450	52.967	ng	99
92)	Benzo(g,h,i)perylene	17.351	276	378550	47.400	ng	99

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

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