Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132705.D
Acq On : 08 Mar 2023 23:11
Operator : CG\JU
Sample : 01829-12MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 04:31:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.992	152	143477	20.000	ng		0.00
21) Naphthalene-d8	8.281	136	482437	20.000	ng		0.00
39) Acenaphthene-d10	10.045	164	180322	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	218883	20.000	ng	#	0.05
76) Chrysene-d12	14.268	240	166657	20.000	ng	#	0.07
86) Perylene-d12	15.833	264	156148	20.000	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.628	112	886246	100.250	ng		0.01
7) Phenol-d6	6.634	99	1051933	91.175	ng		0.01
23) Nitrobenzene-d5	7.557	82	660575	64.963	ng		0.00
42) 2,4,6-Tribromophenol	10.857	330	233924	120.121	ng		0.02
45) 2-Fluorobiphenyl	9.351	172	1054859	89.074	ng		0.00
79) Terphenyl-d14	13.198	244	698535	70.867	ng		0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	142538	29.148	ng		99
3) Pyridine	3.616	79	464659	35.797	ng		96
4) n-Nitrosodimethylamine	3.540	42	185447	37.823	ng	#	94
8) 2-Chlorophenol	6.787	128	407501	44.413	ng		97
9) Benzaldehyde	6.545	77	185754	29.837	ng		97
10) Phenol	6.645	94	503692	38.079	ng		99
11) bis(2-Chloroethyl)ether	6.722	93	481077	47.112	ng		95
12) 1,3-Dichlorobenzene	6.934	146	436212	44.303	ng		98
13) 1,4-Dichlorobenzene	7.010	146	437119	44.461	ng		99
14) 1,2-Dichlorobenzene	7.163	146	419065	44.414	ng		98
15) Benzyl Alcohol	7.139	79	355838	40.047	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.263	45	504998	38.782	ng		73
17) 2-Methylphenol	7.251	107	326193	38.093	ng		97
18) Hexachloroethane	7.504	117	116156	30.241	ng		95
19) n-Nitroso-di-n-propyla...	7.404	70	271358	38.216	ng		95
20) 3+4-Methylphenols	7.404	107	391915	35.426	ng	#	88
22) Acetophenone	7.398	105	540037	44.393	ng	#	91
24) Nitrobenzene	7.575	77	415264	38.185	ng		97
25) Isophorone	7.816	82	767790	39.383	ng		99
26) 2-Nitrophenol	7.892	139	72709	15.153	ng		92
27) 2,4-Dimethylphenol	7.928	122	330532	43.646	ng		98
28) bis(2-Chloroethoxy)met...	8.016	93	494923	43.397	ng		100
29) 2,4-Dichlorophenol	8.139	162	322379	42.794	ng		97
30) 1,2,4-Trichlorobenzene	8.216	180	357403	43.692	ng		97
31) Naphthalene	8.304	128	1035549	41.929	ng		99
32) Benzoic acid	8.063	122	214154	36.854	ng		95
33) 4-Chloroaniline	8.369	127	31300	2.957	ng		95
34) Hexachlorobutadiene	8.410	225	236193	45.439	ng		99
35) Caprolactam	8.745	113	91402	36.803	ng	#	89
36) 4-Chloro-3-methylphenol	8.833	107	298647	36.098	ng		97
37) 2-Methylnaphthalene	8.992	142	623769	37.060	ng		100
38) 1-Methylnaphthalene	9.092	142	576273	36.636	ng		100
40) 1,2,4,5-Tetrachloroben...	9.157	216	343554	58.232	ng		99
41) Hexachlorocyclopentadiene	9.139	237	26488	8.278	ng		100
43) 2,4,6-Trichlorophenol	9.275	196	219574	54.918	ng		98
44) 2,4,5-Trichlorophenol	9.328	196	225795	48.387	ng	#	95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.457	154	709253	51.966	ng		99
47)	2-Chloronaphthalene	9.486	162	564256	52.145	ng		99
48)	2-Nitroaniline	9.580	65	165980	41.647	ng		99
49)	Acenaphthylene	9.904	152	708948	41.166	ng		95
50)	Dimethylphthalate	9.751	163	640806	48.806	ng		98
51)	2,6-Dinitrotoluene	9.822	165	75458	25.236	ng	#	83
52)	Acenaphthene	10.080	154	408670	37.370	ng		99
53)	3-Nitroaniline	9.992	138	55871	16.704	ng	#	80
54)	2,4-Dinitrophenol	10.110	184	3611	3.717	ng	#	12
55)	Dibenzofuran	10.257	168	627744	39.376	ng		98
56)	4-Nitrophenol	10.175	139	133235	53.412	ng	#	28
57)	2,4-Dinitrotoluene	10.227	165	57629	14.487	ng	#	87
58)	Fluorene	10.604	166	464325	38.077	ng		94
59)	2,3,4,6-Tetrachlorophenol	10.380	232	133598	38.541	ng	#	93
60)	Diethylphthalate	10.463	149	486330	37.926	ng	#	91
61)	4-Chlorophenyl-phenyle...	10.592	204	256276	40.511	ng		95
62)	4-Nitroaniline	10.616	138	40087	12.209	ng	#	56
63)	Azobenzene	10.757	77	370049	27.248	ng		91
66)	n-Nitrosodiphenylamine	10.710	169	389828	57.127	ng		98
67)	4-Bromophenyl-phenylether	11.098	248	161232	65.120	ng		93
68)	Hexachlorobenzene	11.180	284	182432	70.025	ng	#	86
69)	Atrazine	11.263	200	25219	11.838	ng	#	1
70)	Pentachlorophenol	11.386	266	159417	102.848	ng		98
71)	Phenanthrene	11.610	178	517257	45.617	ng	#	86
72)	Anthracene	11.663	178	542178	46.432	ng	#	84
73)	Carbazole	11.816	167	431432	40.980	ng	#	83
74)	Di-n-butylphthalate	12.139	149	430795	34.884	ng	#	83
75)	Fluoranthene	12.839	202	464991	37.511	ng		73
78)	Pyrene	13.074	202	634087	41.848	ng	#	88
80)	Butylbenzylphthalate	13.663	149	160959	26.919	ng	#	90
81)	Benzo(a)anthracene	14.257	228	498319	39.962	ng	#	93
83)	Chrysene	14.292	228	472973	40.561	ng	#	96
84)	Bis(2-ethylhexyl)phtha...	14.204	149	292157	39.775	ng	#	93
85)	Di-n-octyl phthalate	14.827	149	397063	36.992	ng	#	91
87)	Indeno(1,2,3-cd)pyrene	17.456	276	528022	51.607	ng	#	92
88)	Benzo(b)fluoranthene	15.362	252	464664	44.405	ng	#	80
89)	Benzo(k)fluoranthene	15.392	252	444553	43.408	ng	#	81
90)	Benzo(a)pyrene	15.768	252	391402	39.965	ng	#	76
91)	Dibenzo(a,h)anthracene	17.468	278	445227	53.408	ng		97
92)	Benzo(g,h,i)perylene	17.951	276	421130	44.812	ng		97

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

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