Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
Data File : BF128676.D
Acq On : 03 Jun 2022 13:16
Operator : CG\JU
Sample : N3025-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 03 23:41:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	87060	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	332948	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	189525	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	323377	20.000	ng	0.00
76) Chrysene-d12	13.998	240	183013	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	176969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	567926	103.907	ng	0.00
7) Phenol-d6	6.486	99	724360	108.569	ng	-0.01
23) Nitrobenzene-d5	7.392	82	523449	73.198	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	236755	105.726	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	950262	70.235	ng	0.00
79) Terphenyl-d14	12.939	244	860620	81.712	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	86398	42.579	ng	# 90
3) Pyridine	3.381	79	225094	41.759	ng	# 85
4) n-Nitrosodimethylamine	3.345	42	199435	53.353	ng	# 64
6) Aniline	6.486	93	342312	47.573	ng	# 74
8) 2-Chlorophenol	6.628	128	285804	51.102	ng	99
9) Benzaldehyde	6.375	77	184843	45.476	ng	90
10) Phenol	6.498	94	359026	50.907	ng	# 70
11) bis(2-Chloroethyl)ether	6.563	93	260255	50.360	ng	98
12) 1,3-Dichlorobenzene	6.763	146	319270m	49.380	ng	
13) 1,4-Dichlorobenzene	6.839	146	322578	49.400	ng	97
14) 1,2-Dichlorobenzene	6.992	146	307679	50.370	ng	96
15) Benzyl Alcohol	6.975	79	290479	52.036	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.098	45	433138	50.870	ng	# 26
17) 2-Methylphenol	7.104	107	231548	52.384	ng	# 82
18) Hexachloroethane	7.333	117	128612	52.940	ng	92
19) n-Nitroso-di-n-propyla...	7.245	70	226694	54.648	ng	95
20) 3+4-Methylphenols	7.257	107	308657	52.304	ng	# 80
22) Acetophenone	7.233	105	437020	50.185	ng	# 92
24) Nitrobenzene	7.410	77	341443	52.007	ng	94
25) Isophorone	7.651	82	603544	55.570	ng	# 95
26) 2-Nitrophenol	7.728	139	150802	52.133	ng	# 86
27) 2,4-Dimethylphenol	7.781	122	248188	56.325	ng	94
28) bis(2-Chloroethoxy)met...	7.863	93	337156	49.106	ng	99
29) 2,4-Dichlorophenol	7.986	162	255360	50.072	ng	97
30) 1,2,4-Trichlorobenzene	8.051	180	274002	47.716	ng	99
31) Naphthalene	8.133	128	842690	49.317	ng	99
32) Benzoic acid	7.922	122	144112	46.099	ng	86
33) 4-Chloroaniline	8.180	127	211421	32.818	ng	# 92
34) Hexachlorobutadiene	8.245	225	197376	48.467	ng	99
35) Caprolactam	8.563	113	70647m	50.096	ng	
36) 4-Chloro-3-methylphenol	8.686	107	291426	52.361	ng	93
37) 2-Methylnaphthalene	8.822	142	553719	50.948	ng	99
38) 1-Methylnaphthalene	8.922	142	532368	50.699	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	288960	49.092	ng	98
41) Hexachlorocyclopentadiene	8.975	237	407419	115.151	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	195155	49.029	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	206663	50.240	ng	#	94
46) 1,1'-Biphenyl	9.292	154	713133	50.149	ng		97
47) 2-Chloronaphthalene	9.316	162	538369	49.615	ng		100
48) 2-Nitroaniline	9.416	65	201122	54.202	ng		91
49) Acenaphthylene	9.727	152	880744	53.019	ng		100
50) Dimethylphthalate	9.592	163	661141	50.965	ng		100
51) 2,6-Dinitrotoluene	9.657	165	141648	55.322	ng		86
52) Acenaphthene	9.904	154	603676m	55.803	ng		
53) 3-Nitroaniline	9.827	138	99258	35.719	ng		99
54) 2,4-Dinitrophenol	9.933	184	134549	94.346	ng	#	87
55) Dibenzofuran	10.074	168	761320	48.968	ng		91
56) 4-Nitrophenol	10.027	139	198440	98.515	ng	#	63
57) 2,4-Dinitrotoluene	10.057	165	191280	55.979	ng	#	86
58) Fluorene	10.416	166	601517	49.889	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	163752	48.196	ng	#	93
60) Diethylphthalate	10.292	149	659746	50.601	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	310172	49.598	ng		89
62) 4-Nitroaniline	10.445	138	132051	46.933	ng	#	73
63) Azobenzene	10.569	77	633990	49.393	ng		93
65) 4,6-Dinitro-2-methylph...	10.469	198	87750	45.981	ng		98
66) n-Nitrosodiphenylamine	10.533	169	540180	54.347	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	193932	53.777	ng		91
68) Hexachlorobenzene	10.963	284	212890	53.156	ng		97
69) Atrazine	11.063	200	178545	55.859	ng		97
70) Pentachlorophenol	11.169	266	206625	103.354	ng		99
71) Phenanthrene	11.380	178	822622	50.717	ng		99
72) Anthracene	11.433	178	843521	52.542	ng		99
73) Carbazole	11.592	167	694735	46.592	ng		99
74) Di-n-butylphthalate	11.916	149	922429	50.808	ng		99
75) Fluoranthene	12.568	202	794209	46.843	ng		96
77) Benzidine	12.692	184	303887	83.296	ng		99
78) Pyrene	12.798	202	777862	57.128	ng		99
80) Butylbenzylphthalate	13.415	149	313548	54.835	ng		97
81) Benzo(a)anthracene	13.986	228	601554	52.732	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	128976	52.846	ng		98
83) Chrysene	14.027	228	566676	52.104	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	414792	55.798	ng		100
85) Di-n-octyl phthalate	14.592	149	628245	56.113	ng		98
87) Indeno(1,2,3-cd)pyrene	16.915	276	620267	58.151	ng	#	92
88) Benzo(b)fluoranthene	15.033	252	596583	52.757	ng	#	97
89) Benzo(k)fluoranthene	15.062	252	508630	47.815	ng	#	97
90) Benzo(a)pyrene	15.398	252	533517	60.028	ng	#	97
91) Dibenzo(a,h)anthracene	16.939	278	538064	60.815	ng	#	95
92) Benzo(g,h,i)perylene	17.362	276	537221	61.266	ng	#	91

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

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