Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129163.D
Acq On : 07 Jul 2022 17:24
Operator : CG\JU
Sample : N3584-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 17:51:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	206274	20.000	ng	-0.01
21) Naphthalene-d8	8.239	136	678460	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	248626	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	263408	20.000	ng	# 0.04
76) Chrysene-d12	14.186	240	500776	20.000	ng	# 0.04
86) Perylene-d12	15.686	264	523621	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1654199	135.579	ng	0.00
7) Phenol-d6	6.581	99	1531027	101.036	ng	0.00
23) Nitrobenzene-d5	7.516	82	1013633	89.113	ng	-0.01
42) 2,4,6-Tribromophenol	10.816	330	392174	145.065	ng	0.02
45) 2-Fluorobiphenyl	9.316	172	1498975	96.452	ng	0.00
79) Terphenyl-d14	13.139	244	1375362	57.034	ng	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	314325	57.784	ng	# 87
3) Pyridine	3.604	79	802367	60.400	ng	85
4) n-Nitrosodimethylamine	3.546	42	368653	61.252	ng	# 75
6) Aniline	6.645	93	643900m	37.995	ng	
8) 2-Chlorophenol	6.740	128	596864	46.562	ng	93
9) Benzaldehyde	6.504	77	342530	54.441	ng	98
10) Phenol	6.593	94	703057m	45.793	ng	
11) bis(2-Chloroethyl)ether	6.687	93	556539	45.799	ng	91
12) 1,3-Dichlorobenzene	6.898	146	709068	50.249	ng	95
13) 1,4-Dichlorobenzene	6.969	146	725032	50.940	ng	98
14) 1,2-Dichlorobenzene	7.122	146	675786	50.508	ng	98
15) Benzyl Alcohol	7.092	79	541155	50.770	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.222	45	794175	45.758	ng	89
17) 2-Methylphenol	7.198	107	530714	50.878	ng	99
18) Hexachloroethane	7.469	117	248087	49.648	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	421485	48.083	ng	# 87
20) 3+4-Methylphenols	7.351	107	652502	49.191	ng	89
22) Acetophenone	7.363	105	858067	55.132	ng	# 94
24) Nitrobenzene	7.540	77	631999	57.425	ng	91
25) Isophorone	7.775	82	1118291	58.173	ng	97
26) 2-Nitrophenol	7.851	139	321211	62.798	ng	90
27) 2,4-Dimethylphenol	7.881	122	492605	53.344	ng	100
28) bis(2-Chloroethoxy)met...	7.981	93	677276	51.300	ng	99
29) 2,4-Dichlorophenol	8.092	162	477344	50.679	ng	97
30) 1,2,4-Trichlorobenzene	8.175	180	490112	47.286	ng	97
31) Naphthalene	8.263	128	1592548	51.706	ng	99
32) Benzoic acid	8.010	122	377132	50.902	ng	91
33) 4-Chloroaniline	8.310	127	303151	24.426	ng	94
34) Hexachlorobutadiene	8.375	225	306431	49.513	ng	99
35) Caprolactam	8.728	113	170345m	57.033	ng	
36) 4-Chloro-3-methylphenol	8.781	107	482396	50.408	ng	98
37) 2-Methylnaphthalene	8.951	142	940882	45.398	ng	99
38) 1-Methylnaphthalene	9.051	142	870691	43.260	ng	99
40) 1,2,4,5-Tetrachloroben...	9.116	216	425355	60.865	ng	98
41) Hexachlorocyclopentadiene	9.104	237	502777	136.295	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	274060	57.574	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	298155	58.886	ng	#	90
46) 1,1'-Biphenyl	9.416	154	1061970	59.413	ng		99
47) 2-Chloronaphthalene	9.445	162	773453	56.034	ng		98
48) 2-Nitroaniline	9.539	65	235873	64.880	ng	#	80
49) Acenaphthylene	9.869	152	1079547	51.471	ng	#	93
50) Dimethylphthalate	9.716	163	871400	56.024	ng	#	91
51) 2,6-Dinitrotoluene	9.781	165	259134	81.530	ng		87
52) Acenaphthene	10.039	154	694124	50.807	ng		98
53) 3-Nitroaniline	9.951	138	168196	44.376	ng	#	65
54) 2,4-Dinitrophenol	10.057	184	125245	73.480	ng	#	83
55) Dibenzofuran	10.216	168	951295	47.819	ng		99
56) 4-Nitrophenol	10.110	139	325999	105.268	ng	#	67
57) 2,4-Dinitrotoluene	10.186	165	232170	59.170	ng	#	81
58) Fluorene	10.569	166	655394	42.591	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.333	232	194111	46.275	ng	#	96
60) Diethylphthalate	10.428	149	672085	43.122	ng	#	84
61) 4-Chlorophenyl-phenyle...	10.551	204	357406m	46.616	ng		
62) 4-Nitroaniline	10.569	138	113882	30.300	ng		95
63) Azobenzene	10.716	77	501104	32.816	ng		82
65) 4,6-Dinitro-2-methylph...	10.598	198	64271	55.152	ng	#	1
66) n-Nitrosodiphenylamine	10.669	169	708283	88.537	ng		97
67) 4-Bromophenyl-phenylether	11.057	248	191612	68.385	ng	#	84
68) Hexachlorobenzene	11.145	284	240081	76.948	ng	#	81
69) Atrazine	11.245	200	159696	70.941	ng	#	9
70) Pentachlorophenol	11.333	266	239549	128.904	ng		98
71) Phenanthrene	11.563	178	676503	53.752	ng	#	75
72) Anthracene	11.622	178	624370	50.318	ng	#	81
73) Carbazole	11.763	167	531715	42.764	ng	#	76
74) Di-n-butylphthalate	12.098	149	665035	50.728	ng	#	86
75) Fluoranthene	12.780	202	893818	67.908	ng		90
78) Pyrene	13.010	202	972748	28.024	ng	#	94
80) Butylbenzylphthalate	13.592	149	462099	32.678	ng	#	88
81) Benzo(a)anthracene	14.174	228	1567726	51.272	ng		98
82) 3,3'-Dichlorobenzidine	14.127	252	229038	34.667	ng	#	95
83) Chrysene	14.210	228	1469266	51.760	ng		99
84) Bis(2-ethylhexyl)phtha...	14.133	149	872827	46.444	ng	#	90
85) Di-n-octyl phthalate	14.739	149	1796462	64.754	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.245	276	1738771	54.142	ng		98
88) Benzo(b)fluoranthene	15.239	252	1910638	60.673	ng		97
89) Benzo(k)fluoranthene	15.268	252	1817005	59.490	ng		97
90) Benzo(a)pyrene	15.627	252	1701807	66.292	ng		97
91) Dibenzo(a,h)anthracene	17.262	278	1488808	56.869	ng		99
92) Benzo(g,h,i)perylene	17.721	276	1444979	55.014	ng		99

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

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