Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
Data File : BF128677.D
Acq On : 03 Jun 2022 13:46
Operator : CG\JU
Sample : N3025-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-BOTMSD

Manual Integrations APPROVED

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

Quant Time: Jun 03 23:41:33 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	84614	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	323361	20.000	ng	#	0.00
39) Acenaphthene-d10	9.863	164	184068	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	314093	20.000	ng		0.00
76) Chrysene-d12	13.998	240	187334	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	173692	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	549066	103.360	ng		0.00
7) Phenol-d6	6.487	99	699702	107.905	ng		-0.01
23) Nitrobenzene-d5	7.392	82	508711	73.246	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	227736	104.713	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	913119	69.490	ng		0.00
79) Terphenyl-d14	12.939	244	864305	80.170	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	81880	41.519	ng	#	88
3) Pyridine	3.381	79	216762	41.376	ng	#	84
4) n-Nitrosodimethylamine	3.340	42	189987	52.295	ng	#	68
6) Aniline	6.487	93	331593	47.415	ng	#	72
8) 2-Chlorophenol	6.622	128	277964	51.137	ng		94
9) Benzaldehyde	6.375	77	176829	44.762	ng		95
10) Phenol	6.498	94	348134	50.789	ng	#	74
11) bis(2-Chloroethyl)ether	6.563	93	255936	50.956	ng		100
12) 1,3-Dichlorobenzene	6.763	146	312225	49.686	ng		96
13) 1,4-Dichlorobenzene	6.840	146	314244	49.515	ng		98
14) 1,2-Dichlorobenzene	6.992	146	299297	50.415	ng		96
15) Benzyl Alcohol	6.975	79	277982	51.237	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.098	45	415111	50.162	ng	#	20
17) 2-Methylphenol	7.104	107	224332	52.218	ng	#	81
18) Hexachloroethane	7.334	117	123332	52.234	ng		94
19) n-Nitroso-di-n-propyla...	7.245	70	220038	54.577	ng		97
20) 3+4-Methylphenols	7.257	107	294955	51.427	ng	#	81
22) Acetophenone	7.234	105	419284	49.576	ng	#	92
24) Nitrobenzene	7.410	77	330044	51.762	ng		95
25) Isophorone	7.651	82	580951	55.075	ng	#	97
26) 2-Nitrophenol	7.722	139	144351	51.383	ng	#	74
27) 2,4-Dimethylphenol	7.775	122	240677	56.240	ng		92
28) bis(2-Chloroethoxy)met...	7.857	93	326831	49.013	ng		99
29) 2,4-Dichlorophenol	7.981	162	246907	49.850	ng		97
30) 1,2,4-Trichlorobenzene	8.051	180	264618	47.448	ng		96
31) Naphthalene	8.134	128	820630	49.450	ng		99
32) Benzoic acid	7.922	122	151619	49.938	ng		91
33) 4-Chloroaniline	8.181	127	207785	33.209	ng	#	94
34) Hexachlorobutadiene	8.245	225	189840	47.998	ng		98
35) Caprolactam	8.557	113	69997m	51.107	ng		
36) 4-Chloro-3-methylphenol	8.686	107	283264	52.404	ng		93
37) 2-Methylnaphthalene	8.822	142	533018	50.497	ng		100
38) 1-Methylnaphthalene	8.922	142	510159	50.024	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	288450	50.458	ng		98
41) Hexachlorocyclopentadiene	8.975	237	383262	111.535	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	188525	48.767	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	199983	50.057	ng	#	92
46) 1,1'-Biphenyl	9.286	154	685467	49.632	ng		99
47) 2-Chloronaphthalene	9.316	162	522765	49.605	ng		99
48) 2-Nitroaniline	9.416	65	196947	54.651	ng		93
49) Acenaphthylene	9.728	152	848670	52.603	ng		99
50) Dimethylphthalate	9.592	163	644108	51.124	ng		100
51) 2,6-Dinitrotoluene	9.657	165	136083	54.725	ng		87
52) Acenaphthene	9.898	154	589579m	56.116	ng		
53) 3-Nitroaniline	9.828	138	96032	35.583	ng		98
54) 2,4-Dinitrophenol	9.933	184	130370	94.126	ng	#	89
55) Dibenzofuran	10.075	168	738157	48.886	ng		92
56) 4-Nitrophenol	10.022	139	200362	102.418	ng	#	45
57) 2,4-Dinitrotoluene	10.057	165	182817	55.089	ng	#	84
58) Fluorene	10.416	166	586128	50.054	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	161049	48.806	ng	#	94
60) Diethylphthalate	10.292	149	642597	50.747	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	301221	49.595	ng		91
62) 4-Nitroaniline	10.445	138	128885	47.166	ng	#	71
63) Azobenzene	10.569	77	619468	49.693	ng		93
65) 4,6-Dinitro-2-methylph...	10.463	198	88745	47.877	ng		87
66) n-Nitrosodiphenylamine	10.533	169	531367	55.041	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	190954	54.516	ng		93
68) Hexachlorobenzene	10.963	284	209506	53.858	ng		96
69) Atrazine	11.063	200	174880	56.330	ng		99
70) Pentachlorophenol	11.163	266	198446	102.197	ng		97
71) Phenanthrene	11.380	178	809083	51.356	ng		99
72) Anthracene	11.433	178	829489	53.195	ng		99
73) Carbazole	11.592	167	694083	47.924	ng		99
74) Di-n-butylphthalate	11.916	149	915898	51.940	ng		99
75) Fluoranthene	12.569	202	788520	47.882	ng		96
77) Benzidine	12.692	184	314554	84.231	ng		98
78) Pyrene	12.798	202	778242	55.838	ng		99
80) Butylbenzylphthalate	13.416	149	317398	54.228	ng		98
81) Benzo(a)anthracene	13.986	228	602297	51.579	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	136321	54.567	ng		99
83) Chrysene	14.021	228	553844	49.749	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	419381	55.114	ng		100
85) Di-n-octyl phthalate	14.592	149	620982	54.184	ng		98
87) Indeno(1,2,3-cd)pyrene	16.915	276	598533	57.173	ng	#	91
88) Benzo(b)fluoranthene	15.033	252	538164	48.489	ng	#	97
89) Benzo(k)fluoranthene	15.063	252	539443	51.668	ng	#	97
90) Benzo(a)pyrene	15.398	252	524508	60.128	ng	#	96
91) Dibenzo(a,h)anthracene	16.939	278	525513	60.517	ng	#	94
92) Benzo(g,h,i)perylene	17.362	276	517576	60.139	ng	#	92

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

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