Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130912.D
Acq On : 01 Nov 2022 21:37
Operator : CG\JU
Sample : N5235-03MSD 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 02 08:24:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
11/07/2022
Supervised By :mohammad ahmed
11/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.940	152	85203	20.000	ng		0.00
21) Naphthalene-d8	8.222	136	276003	20.000	ng		0.00
39) Acenaphthene-d10	9.987	164	119429	20.000	ng		0.00
64) Phenanthrene-d10	11.475	188	213506	20.000	ng		0.00
76) Chrysene-d12	14.127	240	151905	20.000	ng		0.00
86) Perylene-d12	15.645	264	108193	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.552	112	216601	44.071	ng		0.00
7) Phenol-d6	6.551	99	255081	39.939	ng		0.00
23) Nitrobenzene-d5	7.498	82	162757	35.558	ng		0.00
42) 2,4,6-Tribromophenol	10.775	330	50291	50.023	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	264592	33.495	ng		0.00
79) Terphenyl-d14	13.063	244	276093	33.306	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.764	88	39422	17.890	ng	#	89
3) Pyridine	3.534	79	103267	16.732	ng		96
4) n-Nitrosodimethylamine	3.487	42	74059	21.375	ng		93
6) Aniline	6.593	93	77769m	9.847	ng		
8) 2-Chlorophenol	6.716	128	114007	20.823	ng		98
9) Benzaldehyde	6.487	77	62488	15.287	ng		94
10) Phenol	6.569	94	135479m	19.712	ng		
11) bis(2-Chloroethyl)ether	6.669	93	113201	21.129	ng		97
12) 1,3-Dichlorobenzene	6.875	146	126220	20.345	ng		96
13) 1,4-Dichlorobenzene	6.951	146	130812	20.773	ng		98
14) 1,2-Dichlorobenzene	7.104	146	120577	20.675	ng		99
15) Benzyl Alcohol	7.075	79	100752	18.552	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.210	45	192662	20.174	ng		95
17) 2-Methylphenol	7.181	107	87551	18.709	ng		98
18) Hexachloroethane	7.451	117	37472	16.464	ng		90
19) n-Nitroso-di-n-propyla...	7.340	70	83401	19.193	ng		97
20) 3+4-Methylphenols	7.334	107	109610	18.015	ng	#	86
22) Acetophenone	7.346	105	163145	24.380	ng	#	97
24) Nitrobenzene	7.516	77	122358	24.447	ng		99
25) Isophorone	7.751	82	214764	22.753	ng		97
26) 2-Nitrophenol	7.834	139	45954	25.388	ng		96
27) 2,4-Dimethylphenol	7.863	122	93534m	23.811	ng		
28) bis(2-Chloroethoxy)met...	7.963	93	130461	24.748	ng		99
29) 2,4-Dichlorophenol	8.075	162	79608	19.700	ng		96
30) 1,2,4-Trichlorobenzene	8.163	180	90191	20.756	ng		96
31) Naphthalene	8.245	128	292744	20.329	ng		99
32) Benzoic acid	7.940	122	35982	18.506	ng		97
33) 4-Chloroaniline	8.287	127	72878	12.808	ng		99
34) Hexachlorobutadiene	8.357	225	65304	22.639	ng		97
35) Caprolactam	8.640	113	21789	16.826	ng		98
36) 4-Chloro-3-methylphenol	8.763	107	78773	17.971	ng		98
37) 2-Methylnaphthalene	8.934	142	171799	18.967	ng		97
38) 1-Methylnaphthalene	9.034	142	160758	18.237	ng		98
40) 1,2,4,5-Tetrachloroben...	9.098	216	85999	25.392	ng		99
41) Hexachlorocyclopentadiene	9.087	237	4851	2.726	ng		93
43) 2,4,6-Trichlorophenol	9.210	196	51599	21.926	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	51884	20.635	ng		98
46) 1,1'-Biphenyl	9.398	154	210066	24.688	ng		99
47) 2-Chloronaphthalene	9.428	162	153226	22.458	ng		98
48) 2-Nitroaniline	9.522	65	56045	27.486	ng		97
49) Acenaphthylene	9.845	152	242382	22.481	ng		99
50) Dimethylphthalate	9.698	163	188445	22.973	ng		99
51) 2,6-Dinitrotoluene	9.763	165	33624	23.099	ng	#	84
52) Acenaphthene	10.016	154	136017	20.402	ng		99
53) 3-Nitroaniline	9.934	138	36216	22.667	ng	#	86
54) 2,4-Dinitrophenol	10.040	184	1962	8.164	ng		95
55) Dibenzofuran	10.187	168	196211	20.304	ng		97
56) 4-Nitrophenol	10.087	139	54745	43.273	ng		90
57) 2,4-Dinitrotoluene	10.163	165	40862	22.952	ng		90
58) Fluorene	10.534	166	158794	20.869	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	41210	19.880	ng		94
60) Diethylphthalate	10.398	149	180337	22.354	ng		97
61) 4-Chlorophenyl-phenyle...	10.522	204	79867	21.940	ng		95
62) 4-Nitroaniline	10.545	138	39830	24.618	ng		90
63) Azobenzene	10.687	77	166517	19.773	ng		97
65) 4,6-Dinitro-2-methylph...	10.569	198	2149	9.939	ng	#	73
66) n-Nitrosodiphenylamine	10.639	169	142937	21.463	ng		98
67) 4-Bromophenyl-phenylether	11.016	248	48534	22.604	ng		89
68) Hexachlorobenzene	11.081	284	49367	20.868	ng		98
69) Atrazine	11.169	200	48114	25.017	ng		94
70) Pentachlorophenol	11.275	266	48350	35.817	ng		98
71) Phenanthrene	11.498	178	244272	22.167	ng		98
72) Anthracene	11.551	178	244742	22.517	ng		99
73) Carbazole	11.704	167	213366	21.920	ng		99
74) Di-n-butylphthalate	12.033	149	278888	23.592	ng		98
75) Fluoranthene	12.692	202	306420	26.171	ng		99
77) Benzidine	12.816	184	13800	3.742	ng	#	92
78) Pyrene	12.928	202	343093	26.771	ng		99
80) Butylbenzylphthalate	13.539	149	122770	26.627	ng		97
81) Benzo(a)anthracene	14.116	228	241126	23.942	ng		98
82) 3,3'-Dichlorobenzidine	14.075	252	58325	21.457	ng		94
83) Chrysene	14.151	228	229924	23.668	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	176728	31.878	ng		98
85) Di-n-octyl phthalate	14.722	149	256164	33.480	ng		99
87) Indeno(1,2,3-cd)pyrene	17.192	276	148529	20.673	ng		97
88) Benzo(b)fluoranthene	15.192	252	182044	26.029	ng		99
89) Benzo(k)fluoranthene	15.222	252	154856	22.723	ng		100
90) Benzo(a)pyrene	15.580	252	149238	26.544	ng		98
91) Dibenzo(a,h)anthracene	17.215	278	122019	20.833	ng		97
92) Benzo(g,h,i)perylene	17.668	276	132297	22.140	ng		96

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

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