Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
Data File : BF127849.D
Acq On : 19 Apr 2022 19:11
Operator : CG\JU
Sample : N2434-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 20 03:54:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 17:31:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/20/2022
Supervised By :Jagrut Upadhyay
04/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	91759	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	272043	20.000	ng	#	0.00
39) Acenaphthene-d10	9.992	164	151950	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	273368	20.000	ng		0.00
76) Chrysene-d12	14.127	240	166686	20.000	ng		0.00
86) Perylene-d12	15.639	264	132213	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	654254	111.702	ng		0.03
7) Phenol-d6	6.581	99	830796	113.586	ng		0.00
23) Nitrobenzene-d5	7.516	82	724851	123.571	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	292352	157.941	ng		0.00
45) 2-Fluorobiphenyl	9.304	172	1147814	98.666	ng		0.00
79) Terphenyl-d14	13.069	244	1215951	114.503	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	87426m	32.242	ng		
3) Pyridine	3.746	79	199343	25.742	ng		87
4) n-Nitrosodimethylamine	3.710	42	167103	40.296	ng	#	84
6) Aniline	6.610	93	122314	14.381	ng		98
8) 2-Chlorophenol	6.734	128	267897	45.082	ng		94
9) Benzaldehyde	6.504	77	146238	34.985	ng		95
10) Phenol	6.593	94	296052m	40.357	ng		
11) bis(2-Chloroethyl)ether	6.681	93	270589	44.865	ng		94
12) 1,3-Dichlorobenzene	6.887	146	305645	43.267	ng		99
13) 1,4-Dichlorobenzene	6.963	146	313082	46.251	ng		96
14) 1,2-Dichlorobenzene	7.116	146	329910	51.225	ng		99
15) Benzyl Alcohol	7.087	79	293393	46.086	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.216	45	442932	51.063	ng		91
17) 2-Methylphenol	7.193	107	252491	50.699	ng		93
18) Hexachloroethane	7.457	117	120436	43.250	ng		96
19) n-Nitroso-di-n-propyla...	7.363	70	282583	56.286	ng		95
20) 3+4-Methylphenols	7.345	107	348493	52.816	ng	#	80
22) Acetophenone	7.357	105	516214	79.000	ng	#	88
24) Nitrobenzene	7.534	77	352635	64.527	ng		100
25) Isophorone	7.769	82	678982	68.795	ng		98
26) 2-Nitrophenol	7.845	139	121232	50.830	ng	#	90
27) 2,4-Dimethylphenol	7.875	122	211572	56.156	ng		87
28) bis(2-Chloroethoxy)met...	7.975	93	293599	49.843	ng		99
29) 2,4-Dichlorophenol	8.081	162	212788	48.165	ng		98
30) 1,2,4-Trichlorobenzene	8.169	180	253527	48.644	ng		98
31) Naphthalene	8.251	128	680323	48.286	ng		99
32) Benzoic acid	7.975	122	48816	18.109	ng		98
33) 4-Chloroaniline	8.292	127	37836	6.766	ng		95
34) Hexachlorobutadiene	8.357	225	189146	49.045	ng		98
35) Caprolactam	8.681	113	47079m	33.930	ng		
36) 4-Chloro-3-methylphenol	8.781	107	225001	43.498	ng		95
37) 2-Methylnaphthalene	8.945	142	467246	46.029	ng		99
38) 1-Methylnaphthalene	9.045	142	444767	45.294	ng		98
40) 1,2,4,5-Tetrachloroben...	9.104	216	266835	48.508	ng	#	97
41) Hexachlorocyclopentadiene	9.092	237	357561	106.674	ng		98
43) 2,4,6-Trichlorophenol	9.222	196	165206	44.878	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	164455	42.205	ng		97
46) 1,1'-Biphenyl	9.410	154	590722	48.445	ng		97
47) 2-Chloronaphthalene	9.434	162	454198	46.139	ng		97
48) 2-Nitroaniline	9.534	65	156837	45.933	ng		97
49) Acenaphthylene	9.851	152	724074	51.383	ng		99
50) Dimethylphthalate	9.710	163	548498	48.095	ng		99
51) 2,6-Dinitrotoluene	9.775	165	115012	50.680	ng		91
52) Acenaphthene	10.028	154	455187	50.238	ng		96
53) 3-Nitroaniline	9.945	138	42429	18.127	ng		98
54) 2,4-Dinitrophenol	10.045	184	57175	44.898	ng	#	74
55) Dibenzofuran	10.198	168	624424	49.336	ng		92
56) 4-Nitrophenol	10.110	139	134909	78.011	ng	#	81
57) 2,4-Dinitrotoluene	10.181	165	150064	52.809	ng		95
58) Fluorene	10.539	166	499774	51.757	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.310	232	142836	47.459	ng		93
60) Diethylphthalate	10.410	149	529194	50.752	ng		97
61) 4-Chlorophenyl-phenyle...	10.533	204	275370	51.385	ng		97
62) 4-Nitroaniline	10.569	138	93725	44.865	ng	#	69
63) Azobenzene	10.692	77	541368	49.539	ng		97
65) 4,6-Dinitro-2-methylph...	10.586	198	49679	28.440	ng		95
66) n-Nitrosodiphenylamine	10.651	169	413624	46.322	ng		97
67) 4-Bromophenyl-phenylether	11.022	248	171718	46.350	ng	#	88
68) Hexachlorobenzene	11.086	284	194229	48.921	ng		94
69) Atrazine	11.180	200	158338	55.089	ng		99
70) Pentachlorophenol	11.280	266	195090	91.277	ng		97
71) Phenanthrene	11.510	178	707427	48.413	ng		99
72) Anthracene	11.563	178	708491	47.991	ng		98
73) Carbazole	11.716	167	593978	44.201	ng		98
74) Di-n-butylphthalate	12.033	149	772782	47.653	ng	#	98
75) Fluoranthene	12.698	202	733527	44.802	ng		98
77) Benzidine	12.816	184	107209	24.927	ng		98
78) Pyrene	12.927	202	729179	51.679	ng		99
80) Butylbenzylphthalate	13.539	149	266809	48.368	ng		93
81) Benzo(a)anthracene	14.116	228	545231	47.885	ng		98
82) 3,3'-Dichlorobenzidine	14.074	252	57800	16.074	ng		100
83) Chrysene	14.157	228	499094	47.010	ng		99
84) Bis(2-ethylhexyl)phtha...	14.092	149	359552	49.936	ng		96
85) Di-n-octyl phthalate	14.716	149	502603	46.345	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.198	276	443093	51.150	ng	#	94
88) Benzo(b)fluoranthene	15.192	252	453256	52.254	ng	#	97
89) Benzo(k)fluoranthene	15.227	252	408474	48.524	ng	#	98
90) Benzo(a)pyrene	15.580	252	408933	58.442	ng		99
91) Dibenzo(a,h)anthracene	17.215	278	385509	54.464	ng	#	95
92) Benzo(g,h,i)perylene	17.674	276	373429	51.948	ng	#	95

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

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