Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
Data File : BM035267.D
Acq On : 26 May 2022 14:32
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 17:19:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 17:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	97471	20.000	ng		0.00
21) Naphthalene-d8	10.681	136	409508	20.000	ng	#	0.00
39) Acenaphthene-d10	14.522	164	302060	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	687838	20.000	ng	#	0.00
76) Chrysene-d12	21.445	240	720456	20.000	ng	#	0.00
86) Perylene-d12	23.815	264	644207	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	212769	38.511	ng		0.00
7) Phenol-d6	7.051	99	290155	40.682	ng		0.00
23) Nitrobenzene-d5	9.040	82	288486	38.043	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	215232	65.504	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	939530	45.153	ng		0.00
79) Terphenyl-d14	19.886	244	1704230	45.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	38419	17.186	ng		86
3) Pyridine	3.769	79	102618	16.476	ng		86
4) n-Nitrosodimethylamine	3.675	42	44093	14.358	ng	#	79
6) Aniline	7.210	93	155188	18.942	ng		95
8) 2-Chlorophenol	7.446	128	128392	20.880	ng		92
9) Benzaldehyde	7.022	77	76633m	16.508	ng		
10) Phenol	7.081	94	138642	19.007	ng		93
11) bis(2-Chloroethyl)ether	7.304	93	108111	19.688	ng		92
12) 1,3-Dichlorobenzene	7.769	146	147273	21.143	ng		94
13) 1,4-Dichlorobenzene	7.916	146	153078	21.474	ng		97
14) 1,2-Dichlorobenzene	8.234	146	150948	22.242	ng		96
15) Benzyl Alcohol	8.122	79	106305	19.944	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.416	45	120172	13.504	ng		87
17) 2-Methylphenol	8.334	107	101878	20.569	ng		96
18) Hexachloroethane	8.963	117	50117	19.154	ng	#	79
19) n-Nitroso-di-n-propyla...	8.693	70	92312	19.770	ng	#	85
20) 3+4-Methylphenols	8.657	107	145583	21.482	ng		93
22) Acetophenone	8.704	105	203452	20.514	ng	#	92
24) Nitrobenzene	9.087	77	130868	17.156	ng		91
25) Isophorone	9.616	82	237123	18.702	ng	#	93
26) 2-Nitrophenol	9.798	139	78530	23.592	ng	#	88
27) 2,4-Dimethylphenol	9.863	122	106193	20.689	ng		98
28) bis(2-Chloroethoxy)met...	10.098	93	160224	21.959	ng		98
29) 2,4-Dichlorophenol	10.334	162	143973	23.790	ng		97
30) 1,2,4-Trichlorobenzene	10.545	180	167019	24.382	ng		98
31) Naphthalene	10.734	128	424130	20.077	ng		99
32) Benzoic acid	10.004	122	93930	22.810	ng		91
33) 4-Chloroaniline	10.845	127	179080	21.074	ng	#	94
34) Hexachlorobutadiene	11.028	225	113909	26.933	ng		98
35) Caprolactam	11.628	113	43229	24.732	ng	#	77
36) 4-Chloro-3-methylphenol	11.975	107	142060	22.685	ng		96
37) 2-Methylnaphthalene	12.345	142	323386	22.093	ng		96
38) 1-Methylnaphthalene	12.563	142	315991	22.106	ng		98
40) 1,2,4,5-Tetrachloroben...	12.716	216	216479	25.169	ng	#	96
41) Hexachlorocyclopentadiene	12.698	237	104904	20.371	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	143089	24.575	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	154786	23.940	ng	#	90
46) 1,1'-Biphenyl	13.357	154	468461	20.586	ng		98
47) 2-Chloronaphthalene	13.398	162	359840	20.291	ng		97
48) 2-Nitroaniline	13.598	65	83671	16.401	ng		85
49) Acenaphthylene	14.239	152	551237	20.189	ng		100
50) Dimethylphthalate	13.980	163	481139	21.365	ng	#	99
51) 2,6-Dinitrotoluene	14.098	165	102007	22.248	ng	#	77
52) Acenaphthene	14.586	154	332879	17.995	ng		99
53) 3-Nitroaniline	14.427	138	97582	19.836	ng		91
54) 2,4-Dinitrophenol	14.639	184	66098	24.509	ng	#	75
55) Dibenzofuran	14.916	168	580569	21.984	ng		94
56) 4-Nitrophenol	14.745	139	77420	19.268	ng	#	84
57) 2,4-Dinitrotoluene	14.886	165	141892	23.087	ng	#	83
58) Fluorene	15.569	166	461262	21.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	149823	27.257	ng	#	81
60) Diethylphthalate	15.345	149	477835	20.832	ng		97
61) 4-Chlorophenyl-phenyle...	15.563	204	262336	24.988	ng		90
62) 4-Nitroaniline	15.586	138	101926	20.009	ng		90
63) Azobenzene	15.857	77	343540	16.422	ng		88
65) 4,6-Dinitro-2-methylph...	15.651	198	99331	24.157	ng		82
66) n-Nitrosodiphenylamine	15.774	169	411739	19.752	ng		99
67) 4-Bromophenyl-phenylether	16.457	248	177179	25.341	ng	#	87
68) Hexachlorobenzene	16.574	284	202738	25.683	ng	#	84
69) Atrazine	16.733	200	156154	22.312	ng		94
70) Pentachlorophenol	16.921	266	121574	24.580	ng		99
71) Phenanthrene	17.304	178	759264	19.806	ng		99
72) Anthracene	17.398	178	748583	20.223	ng		100
73) Carbazole	17.668	167	702495	20.780	ng		97
74) Di-n-butylphthalate	18.239	149	818273	19.023	ng		99
75) Fluoranthene	19.321	202	914445	21.724	ng		97
77) Benzidine	19.504	184	219286	9.963	ng		100
78) Pyrene	19.686	202	948949	19.918	ng		99
80) Butylbenzylphthalate	20.586	149	357127	17.077	ng	#	85
81) Benzo(a)anthracene	21.433	228	952045	19.804	ng		99
82) 3,3'-Dichlorobenzidine	21.362	252	234168	16.712	ng	#	99
83) Chrysene	21.486	228	913203	19.887	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	532208	16.550	ng	#	94
85) Di-n-octyl phthalate	22.280	149	843161	15.905	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.274	276	858812	17.534	ng	#	93
88) Benzo(b)fluoranthene	23.097	252	828202m	20.440	ng		
89) Benzo(k)fluoranthene	23.145	252	845445	20.613	ng		98
90) Benzo(a)pyrene	23.715	252	667172	19.820	ng	#	97
91) Dibenzo(a,h)anthracene	26.291	278	722645	17.589	ng	#	96
92) Benzo(g,h,i)perylene	27.027	276	688622	17.444	ng	#	93

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

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