Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
Data File : BM031005.D
Acq On : 19 Jul 2021 14:54
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:19 AM

Quant Time: Jul 19 16:48:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 16:47:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	64867	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	286033	20.000	ng		0.00
39) Acenaphthene-d10	14.269	164	204655	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	470543	20.000	ng		0.00
76) Chrysene-d12	21.209	240	541326	20.000	ng		0.00
86) Perylene-d12	23.391	264	590923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	75388	18.893	ng		0.00
7) Phenol-d6	6.822	99	104970	18.172	ng		0.00
23) Nitrobenzene-d5	8.787	82	114541	19.509	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	50979	19.812	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	276963	17.797	ng		0.00
79) Terphenyl-d14	19.656	244	540912	17.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	16139	9.356	ng		93
3) Pyridine	3.628	79	43412	9.859	ng	#	83
4) n-Nitrosodimethylamine	3.546	42	24578	10.995	ng	#	89
6) Aniline	6.981	93	58047	8.806	ng		97
8) 2-Chlorophenol	7.210	128	43196	9.224	ng		98
9) Benzaldehyde	6.798	77	35829m	14.850	ng		
10) Phenol	6.845	94	52283	8.960	ng		90
11) bis(2-Chloroethyl)ether	7.081	93	40536	8.817	ng		96
12) 1,3-Dichlorobenzene	7.534	146	48170	9.336	ng	#	94
13) 1,4-Dichlorobenzene	7.675	146	50082	9.525	ng		95
14) 1,2-Dichlorobenzene	7.987	146	47925	9.369	ng		94
15) Benzyl Alcohol	7.881	79	44195	10.902	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	49205	6.651	ng		99
17) 2-Methylphenol	8.081	107	36376	9.619	ng		97
18) Hexachloroethane	8.704	117	18675	9.882	ng		90
19) n-Nitroso-di-n-propyla...	8.445	70	37746	9.842	ng		97
20) 3+4-Methylphenols	8.404	107	50621	9.839	ng		94
22) Acetophenone	8.457	105	71970	9.417	ng	#	91
24) Nitrobenzene	8.828	77	60325	9.850	ng		97
25) Isophorone	9.351	82	103249	9.175	ng		98
26) 2-Nitrophenol	9.534	139	23005	9.819	ng		94
27) 2,4-Dimethylphenol	9.598	122	39146	8.987	ng		92
28) bis(2-Chloroethoxy)met...	9.839	93	53114	8.302	ng		98
29) 2,4-Dichlorophenol	10.057	162	44197	9.051	ng		97
30) 1,2,4-Trichlorobenzene	10.275	180	49851	8.944	ng		95
31) Naphthalene	10.457	128	148023	8.884	ng		100
32) Benzoic acid	9.686	122	29489	11.089	ng		88
33) 4-Chloroaniline	10.575	127	62297	9.187	ng		97
34) Hexachlorobutadiene	10.745	225	32580	9.792	ng		98
35) Caprolactam	11.339	113	14291	9.323	ng		97
36) 4-Chloro-3-methylphenol	11.698	107	50914	9.954	ng		96
37) 2-Methylnaphthalene	12.075	142	113079	9.250	ng		95
38) 1-Methylnaphthalene	12.298	142	105808m	9.087	ng		
40) 1,2,4,5-Tetrachloroben...	12.445	216	58664	8.893	ng		98
41) Hexachlorocyclopentadiene	12.427	237	32271	8.922	ng		94
43) 2,4,6-Trichlorophenol	12.692	196	39507	8.859	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	43072	8.805	ng	#	92
46) 1,1'-Biphenyl	13.104	154	145348	8.770	ng		99
47) 2-Chloronaphthalene	13.139	162	115565	8.627	ng		96
48) 2-Nitroaniline	13.351	65	34105	9.472	ng		94
49) Acenaphthylene	13.992	152	183674	8.950	ng		99
50) Dimethylphthalate	13.739	163	155603	9.554	ng		99
51) 2,6-Dinitrotoluene	13.851	165	32913	9.167	ng	#	78
52) Acenaphthene	14.333	154	113547	8.662	ng		97
53) 3-Nitroaniline	14.180	138	33300	9.346	ng	#	93
54) 2,4-Dinitrophenol	14.386	184	17191	8.736	ng		92
55) Dibenzofuran	14.674	168	189335	9.077	ng		91
56) 4-Nitrophenol	14.486	139	28876	9.472	ng		87
57) 2,4-Dinitrotoluene	14.645	165	44575	10.028	ng	#	88
58) Fluorene	15.321	166	155828	9.056	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.898	232	40847	9.648	ng		93
60) Diethylphthalate	15.116	149	165904	10.190	ng		97
61) 4-Chlorophenyl-phenyle...	15.327	204	79677	9.395	ng	#	88
62) 4-Nitroaniline	15.345	138	35268	9.642	ng		85
63) Azobenzene	15.616	77	164602	10.009	ng		92
65) 4,6-Dinitro-2-methylph...	15.404	198	26179	8.324	ng		94
66) n-Nitrosodiphenylamine	15.539	169	138421	8.459	ng		98
67) 4-Bromophenyl-phenylether	16.221	248	48975	8.931	ng		90
68) Hexachlorobenzene	16.321	284	54233	8.722	ng		94
69) Atrazine	16.498	200	50955	11.627	ng		97
70) Pentachlorophenol	16.668	266	33454	9.193	ng		98
71) Phenanthrene	17.062	178	256744	8.671	ng		99
72) Anthracene	17.151	178	252691	8.790	ng		98
73) Carbazole	17.421	167	250717	9.145	ng		98
74) Di-n-butylphthalate	18.004	149	285789	9.999	ng	#	98
75) Fluoranthene	19.080	202	315118	9.376	ng		98
77) Benzidine	19.274	184	143759	15.009	ng		100
78) Pyrene	19.439	202	335578	8.181	ng		99
80) Butylbenzylphthalate	20.362	149	133096	9.019	ng		96
81) Benzo(a)anthracene	21.192	228	352800	8.955	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	95070	7.971	ng		98
83) Chrysene	21.245	228	349415	9.126	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	209521	9.446	ng		95
85) Di-n-octyl phthalate	22.009	149	357016	10.304	ng		98
87) Indeno(1,2,3-cd)pyrene	25.550	276	403571	8.979	ng		99
88) Benzo(b)fluoranthene	22.739	252	371420	8.305	ng		99
89) Benzo(k)fluoranthene	22.780	252	363352	8.318	ng		98
90) Benzo(a)pyrene	23.291	252	340830	8.618	ng		99
91) Dibenzo(a,h)anthracene	25.568	278	344904	8.900	ng		99
92) Benzo(g,h,i)perylene	26.215	276	338786	9.191	ng		97

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

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