Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
Data File : BM031011.D
Acq On : 19 Jul 2021 18:37
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM071921

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:32 AM

Quant Time: Jul 19 19:10:32 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 18:48:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	98220	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	446305	20.000	ng		0.00
39) Acenaphthene-d10	14.274	164	321571	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	726137	20.000	ng		0.00
76) Chrysene-d12	21.209	240	787156	20.000	ng		0.00
86) Perylene-d12	23.391	264	789802	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	455672	82.681	ng		0.00
7) Phenol-d6	6.828	99	676940	85.418	ng		0.00
23) Nitrobenzene-d5	8.792	82	736397	82.617	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	362102	85.804	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1810055	82.865	ng		0.00
79) Terphenyl-d14	19.662	244	3446537	85.227	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	85197	38.874	ng		93
3) Pyridine	3.622	79	253650m	40.457	ng		
4) n-Nitrosodimethylamine	3.546	42	147529	41.530	ng		93
6) Aniline	6.987	93	357030	41.898	ng		99
8) 2-Chlorophenol	7.210	128	273714	42.124	ng		98
9) Benzaldehyde	6.798	77	197021	42.174	ng		98
10) Phenol	6.851	94	324110	42.017	ng		93
11) bis(2-Chloroethyl)ether	7.081	93	241384	42.033	ng		95
12) 1,3-Dichlorobenzene	7.534	146	286921	40.944	ng		98
13) 1,4-Dichlorobenzene	7.675	146	293754	41.053	ng		98
14) 1,2-Dichlorobenzene	7.987	146	292045	41.864	ng		97
15) Benzyl Alcohol	7.887	79	290794	43.222	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	298978	41.439	ng		99
17) 2-Methylphenol	8.081	107	234427	42.718	ng		96
18) Hexachloroethane	8.704	117	117671	42.179	ng		93
19) n-Nitroso-di-n-propyla...	8.451	70	244097	42.722	ng		98
20) 3+4-Methylphenols	8.416	107	326231	42.611	ng		97
22) Acetophenone	8.463	105	458317	41.079	ng	#	97
24) Nitrobenzene	8.834	77	367284	40.739	ng		99
25) Isophorone	9.363	82	672214	41.861	ng		99
26) 2-Nitrophenol	9.533	139	163653	42.734	ng		92
27) 2,4-Dimethylphenol	9.604	122	250063	41.176	ng		97
28) bis(2-Chloroethoxy)met...	9.839	93	337150	41.216	ng		99
29) 2,4-Dichlorophenol	10.063	162	300135	42.170	ng		96
30) 1,2,4-Trichlorobenzene	10.275	180	316215	40.905	ng		99
31) Naphthalene	10.463	128	951478	41.306	ng		99
32) Benzoic acid	9.769	122	223236	45.265	ng		95
33) 4-Chloroaniline	10.575	127	412167	41.768	ng		99
34) Hexachlorobutadiene	10.745	225	202940	40.223	ng		98
35) Caprolactam	11.380	113	101200m	43.017	ng		
36) 4-Chloro-3-methylphenol	11.704	107	341707	42.097	ng		94
37) 2-Methylnaphthalene	12.074	142	729897	41.284	ng		97
38) 1-Methylnaphthalene	12.298	142	701658	41.554	ng		98
40) 1,2,4,5-Tetrachloroben...	12.445	216	376708	41.216	ng		98
41) Hexachlorocyclopentadiene	12.427	237	212297	41.115	ng		99
43) 2,4,6-Trichlorophenol	12.692	196	270559	42.371	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	296196	42.319	ng	#	95
46) 1,1'-Biphenyl	13.104	154	948064	41.420	ng		99
47) 2-Chloronaphthalene	13.139	162	748867	41.249	ng		94
48) 2-Nitroaniline	13.357	65	246663	43.337	ng		99
49) Acenaphthylene	13.992	152	1201042	41.656	ng		99
50) Dimethylphthalate	13.745	163	996697	41.355	ng		99
51) 2,6-Dinitrotoluene	13.863	165	224580	41.887	ng		87
52) Acenaphthene	14.339	154	745010	41.399	ng		99
53) 3-Nitroaniline	14.192	138	232344	42.879	ng		100
54) 2,4-Dinitrophenol	14.392	184	141841	45.514	ng		94
55) Dibenzofuran	14.674	168	1208373	40.878	ng		94
56) 4-Nitrophenol	14.498	139	205202	43.103	ng		83
57) 2,4-Dinitrotoluene	14.651	165	323976	43.091	ng		89
58) Fluorene	15.327	166	1035329	41.547	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	274371	42.002	ng		93
60) Diethylphthalate	15.121	149	1076736	41.587	ng		98
61) 4-Chlorophenyl-phenyle...	15.327	204	511442	40.795	ng	#	89
62) 4-Nitroaniline	15.363	138	255495	43.135	ng		91
63) Azobenzene	15.621	77	1055595	41.294	ng		95
65) 4,6-Dinitro-2-methylph...	15.410	198	199196	43.724	ng		83
66) n-Nitrosodiphenylamine	15.545	169	888516	41.022	ng		99
67) 4-Bromophenyl-phenylether	16.221	248	314225	41.064	ng		92
68) Hexachlorobenzene	16.327	284	355382	41.508	ng		98
69) Atrazine	16.504	200	326611	41.570	ng		96
70) Pentachlorophenol	16.668	266	244087	43.689	ng		98
71) Phenanthrene	17.062	178	1643951	40.946	ng		100
72) Anthracene	17.157	178	1636513	41.316	ng		99
73) Carbazole	17.427	167	1601720	41.248	ng		98
74) Di-n-butylphthalate	18.004	149	1960037	42.364	ng		99
75) Fluoranthene	19.080	202	2041624	41.247	ng		99
77) Benzidine	19.280	184	917950	44.837	ng		99
78) Pyrene	19.445	202	2116898	42.259	ng		99
80) Butylbenzylphthalate	20.362	149	945247	44.071	ng		98
81) Benzo(a)anthracene	21.192	228	2183819	41.951	ng		98
82) 3,3'-Dichlorobenzidine	21.133	252	613928	43.276	ng		100
83) Chrysene	21.250	228	2069939	40.876	ng		99
84) Bis(2-ethylhexyl)phtha...	21.144	149	1446454	43.869	ng		97
85) Di-n-octyl phthalate	22.009	149	2409171	43.183	ng		99
87) Indeno(1,2,3-cd)pyrene	25.574	276	2299312	41.849	ng		100
88) Benzo(b)fluoranthene	22.744	252	2175184	41.355	ng		99
89) Benzo(k)fluoranthene	22.786	252	2133780	42.563	ng		99
90) Benzo(a)pyrene	23.297	252	1994279	42.025	ng		99
91) Dibenzo(a,h)anthracene	25.585	278	1984095	41.794	ng		100
92) Benzo(g,h,i)perylene	26.232	276	1865636	41.424	ng		99

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

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