Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
Data File : BM031832.D
Acq On : 19 Aug 2021 17:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 18:42:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.539	152	48158	20.000	ng		0.00
21) Naphthalene-d8	10.304	136	195796	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	124818	20.000	ng		0.00
64) Phenanthrene-d10	16.933	188	256748	20.000	ng		0.00
76) Chrysene-d12	21.139	240	241341	20.000	ng		0.00
86) Perylene-d12	23.285	264	240985	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	263879	87.945	ng		0.00
7) Phenol-d6	6.740	99	368625	84.784	ng		0.00
23) Nitrobenzene-d5	8.698	82	396858	84.869	ng		0.00
42) 2,4,6-Tribromophenol	15.686	330	122914	79.954	ng		0.00
45) 2-Fluorobiphenyl	12.792	172	796500	84.936	ng		0.00
79) Terphenyl-d14	19.586	244	1239268	86.517	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	52817	42.103	ng		95
3) Pyridine	3.563	79	151897	43.815	ng		95
4) n-Nitrosodimethylamine	3.487	42	72286	35.730	ng	#	87
6) Aniline	6.892	93	199741	42.015	ng		99
8) 2-Chlorophenol	7.116	128	147273	41.917	ng		96
9) Benzaldehyde	6.704	77	119540	38.737	ng		96
10) Phenol	6.769	94	185638	42.979	ng		96
11) bis(2-Chloroethyl)ether	6.992	93	136329	42.018	ng		95
12) 1,3-Dichlorobenzene	7.428	146	157755	41.977	ng		96
13) 1,4-Dichlorobenzene	7.575	146	158978	41.056	ng		96
14) 1,2-Dichlorobenzene	7.886	146	155159	40.793	ng		98
15) Benzyl Alcohol	7.792	79	149855	40.025	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.075	45	186895	40.313	ng		95
17) 2-Methylphenol	7.992	107	125634	41.134	ng		96
18) Hexachloroethane	8.592	117	64513	40.193	ng		90
19) n-Nitroso-di-n-propyla...	8.351	70	132342	38.548	ng		96
20) 3+4-Methylphenols	8.322	107	172823	40.255	ng		98
22) Acetophenone	8.363	105	239448	43.069	ng		94
24) Nitrobenzene	8.739	77	201867	42.180	ng		98
25) Isophorone	9.257	82	351218	41.875	ng		98
26) 2-Nitrophenol	9.433	139	85513	45.391	ng	#	86
27) 2,4-Dimethylphenol	9.504	122	124170	43.103	ng		96
28) bis(2-Chloroethoxy)met...	9.739	93	172825	42.824	ng		99
29) 2,4-Dichlorophenol	9.963	162	140242	42.848	ng		95
30) 1,2,4-Trichlorobenzene	10.169	180	147228	42.125	ng		98
31) Naphthalene	10.351	128	466606	41.624	ng		99
32) Benzoic acid	9.686	122	102988	39.929	ng		95
33) 4-Chloroaniline	10.475	127	194315	41.703	ng		96
34) Hexachlorobutadiene	10.628	225	91100	40.822	ng		97
35) Caprolactam	11.298	113	48968m	43.087	ng		
36) 4-Chloro-3-methylphenol	11.616	107	165082	40.676	ng		90
37) 2-Methylnaphthalene	11.974	142	336776	40.146	ng		97
38) 1-Methylnaphthalene	12.192	142	318555	39.760	ng		98
40) 1,2,4,5-Tetrachloroben...	12.345	216	154964	43.708	ng	#	97
41) Hexachlorocyclopentadiene	12.316	237	77715	43.814	ng		96
43) 2,4,6-Trichlorophenol	12.604	196	116686	44.647	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.674	196	124084	43.445	ng	#	90
46) 1,1'-Biphenyl	13.004	154	417424	42.497	ng		98
47) 2-Chloronaphthalene	13.045	162	327743	42.502	ng	#	93
48) 2-Nitroaniline	13.269	65	123874	43.285	ng		90
49) Acenaphthylene	13.898	152	533196	42.235	ng		99
50) Dimethylphthalate	13.657	163	425111	40.873	ng		99
51) 2,6-Dinitrotoluene	13.780	165	98180	42.508	ng	#	79
52) Acenaphthene	14.245	154	317288	41.255	ng		99
53) 3-Nitroaniline	14.110	138	101488	42.793	ng		91
54) 2,4-Dinitrophenol	14.327	184	59755	43.886	ng	#	85
55) Dibenzofuran	14.586	168	528287	41.106	ng		94
56) 4-Nitrophenol	14.439	139	87227	43.118	ng	#	79
57) 2,4-Dinitrotoluene	14.574	165	140612	42.271	ng	#	62
58) Fluorene	15.239	166	433118	40.596	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.821	232	104532	40.361	ng	#	83
60) Diethylphthalate	15.033	149	457332	40.004	ng		97
61) 4-Chlorophenyl-phenyle...	15.239	204	204566	39.722	ng	#	86
62) 4-Nitroaniline	15.286	138	102269	41.971	ng		85
63) Azobenzene	15.533	77	499292	39.455	ng		92
65) 4,6-Dinitro-2-methylph...	15.345	198	83355	47.490	ng		74
66) n-Nitrosodiphenylamine	15.462	169	362371	42.930	ng		99
67) 4-Bromophenyl-phenylether	16.133	248	115522	42.271	ng	#	85
68) Hexachlorobenzene	16.239	284	125724	42.055	ng	#	89
69) Atrazine	16.427	200	129144	42.991	ng		98
70) Pentachlorophenol	16.592	266	86590	43.122	ng		96
71) Phenanthrene	16.980	178	653660	41.744	ng		99
72) Anthracene	17.068	178	646355	42.105	ng		99
73) Carbazole	17.351	167	647395	42.097	ng		97
74) Di-n-butylphthalate	17.921	149	792393	41.368	ng	#	98
75) Fluoranthene	19.003	202	750505	40.015	ng		99
77) Benzidine	19.203	184	298598	41.634	ng		99
78) Pyrene	19.368	202	767596	43.904	ng		99
80) Butylbenzylphthalate	20.286	149	370129	44.170	ng		89
81) Benzo(a)anthracene	21.121	228	746744	42.242	ng		98
82) 3,3'-Dichlorobenzidine	21.068	252	236212	43.240	ng		99
83) Chrysene	21.174	228	730651	42.403	ng		98
84) Bis(2-ethylhexyl)phtha...	21.068	149	559533	43.210	ng	#	95
85) Di-n-octyl phthalate	21.927	149	935344	43.716	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.421	276	751932	44.277	ng		98
88) Benzo(b)fluoranthene	22.650	252	749672	41.433	ng		98
89) Benzo(k)fluoranthene	22.697	252	703903	40.306	ng		99
90) Benzo(a)pyrene	23.197	252	672361	41.971	ng		98
91) Dibenzo(a,h)anthracene	25.432	278	659775	44.174	ng		99
92) Benzo(g,h,i)perylene	26.068	276	588842	43.295	ng		99

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

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