Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028602.D
Acq On : 29 Jan 2021 12:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:59 AM

Quant Time: Jan 29 17:52:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	27846	20.00	ng		0.00
21) Naphthalene-d8	10.745	136	111524	20.00	ng	#	0.00
39) Acenaphthene-d10	14.586	164	65700	20.00	ng		0.00
64) Phenanthrene-d10	17.321	188	131731	20.00	ng	#	0.00
76) Chrysene-d12	21.468	240	126977	20.00	ng	#	0.00
86) Perylene-d12	23.727	264	125773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	130710	74.15	ng		0.00
7) Phenol-d6	7.122	99	182885	76.20	ng		0.00
23) Nitrobenzene-d5	9.110	82	168480	71.65	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	68677	78.89	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	389697	74.42	ng		0.00
79) Terphenyl-d14	19.921	244	541862	77.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	24524	34.68	ng	#	72
3) Pyridine	3.699	79	72990	37.28	ng	#	57
4) n-Nitrosodimethylamine	3.605	42	34991	31.08	ng	#	65
6) Aniline	7.257	93	101070	38.86	ng		98
8) 2-Chlorophenol	7.504	128	74871	38.20	ng		93
9) Benzaldehyde	7.069	77	44988	36.02	ng		81
10) Phenol	7.146	94	85963	38.00	ng		84
11) bis(2-Chloroethyl)ether	7.357	93	69986	38.37	ng		94
12) 1,3-Dichlorobenzene	7.822	146	86975	37.60	ng	#	91
13) 1,4-Dichlorobenzene	7.969	146	88764	37.95	ng		96
14) 1,2-Dichlorobenzene	8.287	146	84094	37.48	ng		99
15) Benzyl Alcohol	8.187	79	63235	37.81	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.475	45	114050	34.64	ng		72
17) 2-Methylphenol	8.398	107	60551	38.66	ng	#	88
18) Hexachloroethane	9.016	117	33086	37.58	ng		93
19) n-Nitroso-di-n-propyla...	8.751	70	55443	38.79	ng	#	69
20) 3+4-Methylphenols	8.734	107	83659	39.82	ng		89
22) Acetophenone	8.769	105	109142	37.75	ng	#	91
24) Nitrobenzene	9.151	77	81010	35.69	ng	#	85
25) Isophorone	9.681	82	142647	39.60	ng		94
26) 2-Nitrophenol	9.863	139	42209	41.09	ng	#	80
27) 2,4-Dimethylphenol	9.934	122	57968	38.81	ng		88
28) bis(2-Chloroethoxy)met...	10.157	93	97364	38.29	ng		99
29) 2,4-Dichlorophenol	10.410	162	70119	39.34	ng		100
30) 1,2,4-Trichlorobenzene	10.610	180	79110	37.37	ng		97
31) Naphthalene	10.798	128	236134	37.47	ng		99
32) Benzoic acid	10.098	122	54575	40.60	ng	#	83
33) 4-Chloroaniline	10.916	127	100628	38.44	ng	#	90
34) Hexachlorobutadiene	11.075	225	47270	37.42	ng		97
35) Caprolactam	11.716	113	22905	39.71	ng	#	68
36) 4-Chloro-3-methylphenol	12.057	107	72050	38.88	ng		93
37) 2-Methylnaphthalene	12.410	142	168237m	38.73	ng		
38) 1-Methylnaphthalene	12.628	142	158247	38.40	ng		99
40) 1,2,4,5-Tetrachloroben...	12.781	216	81068	37.41	ng		99
41) Hexachlorocyclopentadiene	12.751	237	40528	40.03	ng		100
43) 2,4,6-Trichlorophenol	13.028	196	55260	38.02	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	57344	38.12	ng		97
46) 1,1'-Biphenyl	13.422	154	208608	37.21	ng		99
47) 2-Chloronaphthalene	13.469	162	168722	36.82	ng		98
48) 2-Nitroaniline	13.675	65	52247	36.36	ng		88
49) Acenaphthylene	14.316	152	258252	37.98	ng		100
50) Dimethylphthalate	14.051	163	206104	38.16	ng		100
51) 2,6-Dinitrotoluene	14.175	165	44280	38.54	ng		86
52) Acenaphthene	14.651	154	158004	37.43	ng		99
53) 3-Nitroaniline	14.504	138	50405	38.91	ng		86
54) 2,4-Dinitrophenol	14.716	184	32062	46.85	ng		89
55) Dibenzofuran	14.986	168	241748	37.23	ng		98
56) 4-Nitrophenol	14.839	139	38310	37.56	ng	#	74
57) 2,4-Dinitrotoluene	14.963	165	61688	40.30	ng	#	88
58) Fluorene	15.633	166	198568	37.33	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.216	232	51058	38.40	ng		95
60) Diethylphthalate	15.404	149	211491	38.57	ng		98
61) 4-Chlorophenyl-phenyle...	15.627	204	98903	37.75	ng		98
62) 4-Nitroaniline	15.663	138	54502	38.65	ng	#	79
63) Azobenzene	15.916	77	187414	36.41	ng		91
65) 4,6-Dinitro-2-methylph...	15.722	198	32724	39.98	ng		81
66) n-Nitrosodiphenylamine	15.845	169	171118	38.79	ng		99
67) 4-Bromophenyl-phenylether	16.516	248	61468	39.40	ng		95
68) Hexachlorobenzene	16.633	284	69837	38.52	ng		97
69) Atrazine	16.786	200	50084	38.30	ng		98
70) Pentachlorophenol	16.980	266	43234	43.76	ng		98
71) Phenanthrene	17.363	178	302228	37.31	ng		99
72) Anthracene	17.457	178	297407	38.01	ng		99
73) Carbazole	17.727	167	279354	37.64	ng		100
74) Di-n-butylphthalate	18.274	149	372917	41.77	ng		99
75) Fluoranthene	19.368	202	339412	37.30	ng		97
77) Benzidine	19.551	184	117961	41.31	ng		99
78) Pyrene	19.727	202	347177	38.13	ng		99
80) Butylbenzylphthalate	20.609	149	169961	42.34	ng		95
81) Benzo(a)anthracene	21.451	228	329091	37.53	ng		100
82) 3,3'-Dichlorobenzidine	21.386	252	115512	40.99	ng	#	98
83) Chrysene	21.503	228	315671	37.29	ng		100
84) Bis(2-ethylhexyl)phtha...	21.368	149	252696	44.52	ng	#	97
85) Di-n-octyl phthalate	22.250	149	430936	44.91	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.033	276	369105	39.39	ng	#	90
88) Benzo(b)fluoranthene	23.050	252	329947	38.64	ng	#	97
89) Benzo(k)fluoranthene	23.092	252	320030	38.39	ng	#	96
90) Benzo(a)pyrene	23.633	252	306667	38.76	ng	#	96
91) Dibenzo(a,h)anthracene	26.038	278	307260	39.63	ng	#	94
92) Benzo(g,h,i)perylene	26.733	276	297198	38.97	ng	#	91

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

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