Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028479.D
Acq On : 21 Jan 2021 08:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jan 21 10:39:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.028	152	38418	20.00	ng		0.00
21) Naphthalene-d8	10.845	136	163037	20.00	ng	#	0.00
39) Acenaphthene-d10	14.674	164	96852	20.00	ng		0.00
64) Phenanthrene-d10	17.398	188	188091	20.00	ng	#	0.00
76) Chrysene-d12	21.527	240	134812	20.00	ng	#	0.00
86) Perylene-d12	23.815	264	113148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	173627	71.39	ng		0.00
7) Phenol-d6	7.193	99	252287	76.19	ng		0.00
23) Nitrobenzene-d5	9.210	82	243234	70.76	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	94370	73.54	ng		0.00
45) 2-Fluorobiphenyl	13.298	172	546478	70.79	ng		0.00
79) Terphenyl-d14	19.992	244	628479	84.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	33315	34.14	ng	#	68
3) Pyridine	3.763	79	99644	36.89	ng	#	50
4) n-Nitrosodimethylamine	3.675	42	53500	34.44	ng	#	58
6) Aniline	7.351	93	136752	38.11	ng		98
8) 2-Chlorophenol	7.593	128	101171	37.41	ng		96
9) Benzaldehyde	7.163	77	63376	36.78	ng		85
10) Phenol	7.216	94	118444	37.95	ng		89
11) bis(2-Chloroethyl)ether	7.451	93	95726	38.04	ng		92
12) 1,3-Dichlorobenzene	7.916	146	116504	36.51	ng	#	93
13) 1,4-Dichlorobenzene	8.069	146	117386	36.38	ng		98
14) 1,2-Dichlorobenzene	8.387	146	115211	37.22	ng		98
15) Benzyl Alcohol	8.275	79	90768	39.34	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.569	45	169529	37.32	ng		70
17) 2-Methylphenol	8.481	107	84172	38.95	ng	#	89
18) Hexachloroethane	9.116	117	45190	37.20	ng		89
19) n-Nitroso-di-n-propyla...	8.851	70	79853	40.50	ng	#	64
20) 3+4-Methylphenols	8.810	107	115707	39.92	ng		90
22) Acetophenone	8.869	105	152255	36.02	ng	#	88
24) Nitrobenzene	9.251	77	117055	35.28	ng	#	87
25) Isophorone	9.775	82	203380	38.62	ng		96
26) 2-Nitrophenol	9.963	139	57000	37.96	ng	#	85
27) 2,4-Dimethylphenol	10.016	122	81177	37.18	ng		88
28) bis(2-Chloroethoxy)met...	10.257	93	136786	36.80	ng		99
29) 2,4-Dichlorophenol	10.492	162	96496	37.04	ng		98
30) 1,2,4-Trichlorobenzene	10.710	180	107557	34.75	ng		98
31) Naphthalene	10.898	128	327176	35.52	ng		100
32) Benzoic acid	10.181	122	79013	40.21	ng	#	80
33) 4-Chloroaniline	11.010	127	140538	36.72	ng		93
34) Hexachlorobutadiene	11.175	225	64257	34.80	ng		100
35) Caprolactam	11.816	113	31639	37.52	ng	#	61
36) 4-Chloro-3-methylphenol	12.128	107	102689	37.91	ng		93
37) 2-Methylnaphthalene	12.504	142	234138	36.87	ng		96
38) 1-Methylnaphthalene	12.722	142	221347	36.74	ng		99
40) 1,2,4,5-Tetrachloroben...	12.869	216	112125	35.10	ng		99
41) Hexachlorocyclopentadiene	12.845	237	53548	35.88	ng		98
43) 2,4,6-Trichlorophenol	13.110	196	78374	36.58	ng		97

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44) 2,4,5-Trichlorophenol	13.180	196	81240	36.64	ng		97
46) 1,1'-Biphenyl	13.510	154	291893	35.32	ng		99
47) 2-Chloronaphthalene	13.557	162	238278	35.28	ng		99
48) 2-Nitroaniline	13.757	65	77208	36.45	ng		91
49) Acenaphthylene	14.398	152	360667	35.98	ng		100
50) Dimethylphthalate	14.127	163	283458	35.60	ng		100
51) 2,6-Dinitrotoluene	14.251	165	62288	36.77	ng		92
52) Acenaphthene	14.739	154	221193	35.54	ng		97
53) 3-Nitroaniline	14.580	138	69512	36.40	ng		90
54) 2,4-Dinitrophenol	14.786	184	37031	36.71	ng		93
55) Dibenzofuran	15.069	168	337705	35.28	ng		100
56) 4-Nitrophenol	14.880	139	53875	35.83	ng	#	79
57) 2,4-Dinitrotoluene	15.033	165	83214	36.88	ng		96
58) Fluorene	15.716	166	277535	35.40	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.292	232	71393	36.42	ng		93
60) Diethylphthalate	15.480	149	286912	35.49	ng		98
61) 4-Chlorophenyl-phenyle...	15.704	204	135898	35.19	ng		95
62) 4-Nitroaniline	15.739	138	73500	35.36	ng	#	82
63) Azobenzene	15.992	77	272050	35.85	ng		89
65) 4,6-Dinitro-2-methylph...	15.798	198	43650	37.35	ng		81
66) n-Nitrosodiphenylamine	15.921	169	235138	37.33	ng		99
67) 4-Bromophenyl-phenylether	16.592	248	83315	37.40	ng		94
68) Hexachlorobenzene	16.710	284	95257	36.80	ng		96
69) Atrazine	16.857	200	69455	37.20	ng		99
70) Pentachlorophenol	17.051	266	54802	38.85	ng		99
71) Phenanthrene	17.439	178	411879	35.61	ng		99
72) Anthracene	17.533	178	403273	36.09	ng		98
73) Carbazole	17.798	167	368703	34.80	ng		99
74) Di-n-butylphthalate	18.345	149	457349	35.87	ng		99
75) Fluoranthene	19.433	202	419104	32.26	ng		96
77) Benzidine	19.615	184	135936	44.84	ng		99
78) Pyrene	19.792	202	423660	43.83	ng		100
80) Butylbenzylphthalate	20.668	149	167792	39.37	ng		98
81) Benzo(a)anthracene	21.515	228	333327	35.80	ng		100
82) 3,3'-Dichlorobenzidine	21.445	252	109448	36.58	ng	#	99
83) Chrysene	21.568	228	320811	35.70	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	216922	36.00	ng		96
85) Di-n-octyl phthalate	22.315	149	324179	31.82	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.150	276	302710	35.91	ng	#	90
88) Benzo(b)fluoranthene	23.127	252	296764	38.63	ng	#	97
89) Benzo(k)fluoranthene	23.174	252	274438	36.59	ng	#	96
90) Benzo(a)pyrene	23.715	252	265239	37.26	ng	#	96
91) Dibenzo(a,h)anthracene	26.156	278	249615	35.79	ng	#	94
92) Benzo(g,h,i)perylene	26.868	276	248188	36.18	ng	#	93

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

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