Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031037.D
Acq On : 21 Jul 2021 09:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 21 10:59:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:21:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	47705	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	226433	20.00	ng		0.00
39) Acenaphthene-d10	14.268	164	182740	20.00	ng		0.00
64) Phenanthrene-d10	17.015	188	449092	20.00	ng		0.00
76) Chrysene-d12	21.203	240	552177	20.00	ng		0.00
86) Perylene-d12	23.386	264	582389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	207415	78.07	ng		0.00
7) Phenol-d6	6.816	99	306292	79.53	ng		0.00
23) Nitrobenzene-d5	8.786	82	353315	78.34	ng		0.00
42) 2,4,6-Tribromophenol	15.762	330	197348	82.70	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	930529	75.98	ng		0.00
79) Terphenyl-d14	19.656	244	2193168	78.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	41236	38.63	ng		96
3) Pyridine	3.622	79	118731	39.32	ng	#	87
4) n-Nitrosodimethylamine	3.540	42	74051	43.14	ng		84
6) Aniline	6.975	93	163210	39.47	ng		99
8) 2-Chlorophenol	7.204	128	124908	39.94	ng		97
9) Benzaldehyde	6.792	77	93170	40.60	ng		96
10) Phenol	6.845	94	150568	40.35	ng		86
11) bis(2-Chloroethyl)ether	7.075	93	105548	38.21	ng		93
12) 1,3-Dichlorobenzene	7.522	146	135358	39.81	ng	#	90
13) 1,4-Dichlorobenzene	7.669	146	139444	40.30	ng		97
14) 1,2-Dichlorobenzene	7.981	146	135414	40.06	ng		97
15) Benzyl Alcohol	7.875	79	134372	41.45	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.163	45	138097	39.96	ng		97
17) 2-Methylphenol	8.081	107	107745	41.28	ng		96
18) Hexachloroethane	8.698	117	55918	41.86	ng		93
19) n-Nitroso-di-n-propyla...	8.439	70	114599	42.13	ng		96
20) 3+4-Methylphenols	8.404	107	152655	41.36	ng		95
22) Acetophenone	8.451	105	215586	38.46	ng	#	92
24) Nitrobenzene	8.828	77	176362	38.73	ng		97
25) Isophorone	9.351	82	308604	38.27	ng		98
26) 2-Nitrophenol	9.528	139	75841	39.55	ng	#	85
27) 2,4-Dimethylphenol	9.592	122	121039	40.06	ng		95
28) bis(2-Chloroethoxy)met...	9.833	93	158875	39.07	ng		99
29) 2,4-Dichlorophenol	10.057	162	144744	40.50	ng		98
30) 1,2,4-Trichlorobenzene	10.269	180	155121	39.53	ng		98
31) Naphthalene	10.451	128	465821	39.98	ng		99
32) Benzoic acid	9.739	122	102863	39.96	ng		95
33) 4-Chloroaniline	10.569	127	202506	40.29	ng		98
34) Hexachlorobutadiene	10.739	225	100850	40.02	ng		97
35) Caprolactam	11.357	113	49736	41.40	ng		88
36) 4-Chloro-3-methylphenol	11.692	107	171031	41.94	ng		93
37) 2-Methylnaphthalene	12.069	142	363325	40.46	ng		96
38) 1-Methylnaphthalene	12.292	142	349354	40.85	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.439	216	188021	36.93	ng	#	98
41) Hexachlorocyclopentadiene	12.422	237	110194	38.91	ng		99
43) 2,4,6-Trichlorophenol	12.686	196	137546	38.46	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	152797	38.59	ng	#	94
46) 1,1'-Biphenyl	13.098	154	487836	37.65	ng		99
47) 2-Chloronaphthalene	13.133	162	389596	38.39	ng		95
48) 2-Nitroaniline	13.345	65	131204	40.57	ng		93
49) Acenaphthylene	13.986	152	638337	39.35	ng		98
50) Dimethylphthalate	13.739	163	524836	38.29	ng		100
51) 2,6-Dinitrotoluene	13.851	165	120652	39.30	ng	#	77
52) Acenaphthene	14.333	154	401294	39.31	ng		98
53) 3-Nitroaniline	14.180	138	125576	40.48	ng		91
54) 2,4-Dinitrophenol	14.386	184	73067	40.35	ng		91
55) Dibenzofuran	14.668	168	668404	39.92	ng		93
56) 4-Nitrophenol	14.492	139	111946	40.81	ng	#	78
57) 2,4-Dinitrotoluene	14.639	165	176128	41.20	ng	#	81
58) Fluorene	15.321	166	573090	40.58	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.898	232	151656	41.10	ng	#	92
60) Diethylphthalate	15.110	149	601482	40.93	ng		98
61) 4-Chlorophenyl-phenyle...	15.321	204	286901	41.02	ng	#	86
62) 4-Nitroaniline	15.351	138	145389	42.49	ng	#	85
63) Azobenzene	15.615	77	618446	42.28	ng		94
65) 4,6-Dinitro-2-methylph...	15.404	198	110391	39.19	ng		82
66) n-Nitrosodiphenylamine	15.539	169	508238	38.50	ng		98
67) 4-Bromophenyl-phenylether	16.215	248	180762	38.90	ng	#	92
68) Hexachlorobenzene	16.315	284	201021	38.39	ng		94
69) Atrazine	16.498	200	191140	39.44	ng		98
70) Pentachlorophenol	16.662	266	141288	41.27	ng		96
71) Phenanthrene	17.056	178	989912	39.81	ng		100
72) Anthracene	17.145	178	976401	39.81	ng		99
73) Carbazole	17.421	167	978327	40.30	ng		98
74) Di-n-butylphthalate	17.998	149	1175174	41.21	ng		99
75) Fluoranthene	19.074	202	1267339	40.72	ng		99
77) Benzidine	19.268	184	612517	44.93	ng		99
78) Pyrene	19.439	202	1340388	38.87	ng		99
80) Butylbenzylphthalate	20.356	149	602851	40.95	ng		96
81) Benzo(a)anthracene	21.192	228	1442784	39.43	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	407120	40.58	ng		100
83) Chrysene	21.244	228	1405749	39.54	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	946416	41.49	ng		96
85) Di-n-octyl phthalate	22.009	149	1637865	41.93	ng		98
87) Indeno(1,2,3-cd)pyrene	25.562	276	1623266	39.01	ng		99
88) Benzo(b)fluoranthene	22.738	252	1515722	39.28	ng		100
89) Benzo(k)fluoranthene	22.780	252	1475691	40.89	ng		99
90) Benzo(a)pyrene	23.291	252	1397886	40.24	ng		98
91) Dibenzo(a,h)anthracene	25.574	278	1401283	38.90	ng		100
92) Benzo(g,h,i)perylene	26.221	276	1331286	38.79	ng		99

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

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