Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081821\
Data File : BM031802.D
Acq On : 18 Aug 2021 12:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 18 14:13:56 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.540	152	32926	20.00	ng		0.00
21) Naphthalene-d8	10.298	136	136618	20.00	ng		# 0.00
39) Acenaphthene-d10	14.180	164	97370	20.00	ng		0.00
64) Phenanthrene-d10	16.933	188	223568	20.00	ng		0.00
76) Chrysene-d12	21.133	240	224747	20.00	ng		0.00
86) Perylene-d12	23.280	264	212753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	173550	84.60	ng		0.00
7) Phenol-d6	6.734	99	238973	80.39	ng		0.00
23) Nitrobenzene-d5	8.692	82	277786	85.14	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	101036	84.25	ng		0.00
45) 2-Fluorobiphenyl	12.792	172	597145	81.63	ng		0.00
79) Terphenyl-d14	19.580	244	1138828	85.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	44208	51.54	ng		97
3) Pyridine	3.563	79	110507	46.62	ng	#	87
4) n-Nitrosodimethylamine	3.481	42	64930	46.94	ng	#	89
6) Aniline	6.887	93	128954	39.67	ng		97
8) 2-Chlorophenol	7.110	128	97898	40.75	ng		95
9) Benzaldehyde	6.704	77	79621	37.74	ng		93
10) Phenol	6.763	94	119773	40.56	ng		88
11) bis(2-Chloroethyl)ether	6.987	93	87072	39.25	ng		95
12) 1,3-Dichlorobenzene	7.428	146	105807	41.18	ng	#	93
13) 1,4-Dichlorobenzene	7.575	146	108161	40.85	ng		97
14) 1,2-Dichlorobenzene	7.881	146	104847	40.32	ng		95
15) Benzyl Alcohol	7.792	79	99849	39.01	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.063	45	112176	35.39	ng		98
17) 2-Methylphenol	7.987	107	82741	39.62	ng	#	93
18) Hexachloroethane	8.592	117	43273	39.43	ng		91
19) n-Nitroso-di-n-propyla...	8.351	70	89396	38.09	ng		96
20) 3+4-Methylphenols	8.316	107	115921	39.49	ng		96
22) Acetophenone	8.363	105	162389	41.86	ng	#	92
24) Nitrobenzene	8.734	77	140535	42.08	ng		96
25) Isophorone	9.257	82	233159	39.84	ng		97
26) 2-Nitrophenol	9.434	139	55857	42.49	ng	#	80
27) 2,4-Dimethylphenol	9.498	122	84396	41.99	ng		94
28) bis(2-Chloroethoxy)met...	9.739	93	112885	40.09	ng		96
29) 2,4-Dichlorophenol	9.957	162	97927	42.88	ng		93
30) 1,2,4-Trichlorobenzene	10.169	180	104023	42.66	ng		97
31) Naphthalene	10.351	128	331872	42.43	ng		99
32) Benzoic acid	9.657	122	65524	36.41	ng		94
33) 4-Chloroaniline	10.475	127	138493	42.60	ng		95
34) Hexachlorobutadiene	10.628	225	65860	42.30	ng		95
35) Caprolactam	11.286	113	33101	41.74	ng		85
36) 4-Chloro-3-methylphenol	11.604	107	118528	41.86	ng		91
37) 2-Methylnaphthalene	11.969	142	245908	42.01	ng	#	95
38) 1-Methylnaphthalene	12.192	142	236801	42.36	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.345	216	114886	41.54	ng	#	97
41) Hexachlorocyclopentadiene	12.316	237	53749	38.84	ng		99
43) 2,4,6-Trichlorophenol	12.598	196	85807	42.09	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	93375	41.91	ng	#	90
46) 1,1'-Biphenyl	13.004	154	313166	40.87	ng		99
47) 2-Chloronaphthalene	13.045	162	250890	41.71	ng	#	93
48) 2-Nitroaniline	13.263	65	95516	42.78	ng		87
49) Acenaphthylene	13.898	152	416890	42.33	ng		99
50) Dimethylphthalate	13.657	163	328329	40.47	ng		99
51) 2,6-Dinitrotoluene	13.774	165	74936	41.59	ng	#	67
52) Acenaphthene	14.245	154	252502	42.09	ng		100
53) 3-Nitroaniline	14.110	138	78013	42.17	ng		86
54) 2,4-Dinitrophenol	14.321	184	40974	38.58	ng	#	82
55) Dibenzofuran	14.580	168	424638	42.36	ng		92
56) 4-Nitrophenol	14.427	139	63670	40.35	ng	#	69
57) 2,4-Dinitrotoluene	14.569	165	112091	43.20	ng	#	64
58) Fluorene	15.233	166	355130	42.67	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.816	232	84659	41.90	ng	#	84
60) Diethylphthalate	15.027	149	368265	41.29	ng		96
61) 4-Chlorophenyl-phenyle...	15.239	204	168674	41.99	ng	#	84
62) 4-Nitroaniline	15.280	138	82418	43.36	ng	#	79
63) Azobenzene	15.527	77	412429	41.78	ng		90
65) 4,6-Dinitro-2-methylph...	15.339	198	56972	37.28	ng		75
66) n-Nitrosodiphenylamine	15.457	169	301994	41.09	ng		99
67) 4-Bromophenyl-phenylether	16.133	248	96775	40.67	ng	#	91
68) Hexachlorobenzene	16.233	284	106528	40.92	ng	#	87
69) Atrazine	16.421	200	106114	40.57	ng		98
70) Pentachlorophenol	16.586	266	69685	39.85	ng		95
71) Phenanthrene	16.974	178	567506	41.62	ng		100
72) Anthracene	17.068	178	561957	42.04	ng		99
73) Carbazole	17.345	167	558199	41.68	ng		97
74) Di-n-butylphthalate	17.915	149	668331	40.07	ng	#	98
75) Fluoranthene	18.998	202	678640	41.55	ng		98
77) Benzidine	19.198	184	253307	37.93	ng		99
78) Pyrene	19.362	202	705927	43.36	ng		99
80) Butylbenzylphthalate	20.286	149	321722	41.23	ng		91
81) Benzo(a)anthracene	21.121	228	690651	41.95	ng		98
82) 3,3'-Dichlorobenzidine	21.062	252	204820	40.26	ng		99
83) Chrysene	21.174	228	678366	42.27	ng		98
84) Bis(2-ethylhexyl)phtha...	21.068	149	475241	39.41	ng		96
85) Di-n-octyl phthalate	21.927	149	782263	39.26	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.409	276	654279	43.64	ng		100
88) Benzo(b)fluoranthene	22.644	252	685981	42.94	ng		99
89) Benzo(k)fluoranthene	22.692	252	630266	40.88	ng		99
90) Benzo(a)pyrene	23.191	252	601695	42.54	ng		99
91) Dibenzo(a,h)anthracene	25.421	278	566382	42.95	ng		99
92) Benzo(g,h,i)perylene	26.050	276	539385	44.92	ng		99

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

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